

SCHEMATIC DIAGRAM

MODEL : 32WLT58/37WLT58

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "SERVICE SAFETY PRECAUTIONS" ON PAGE 3 OF THIS MANUAL.

CAUTION: The international hazard symbols "" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on the MANUAL for this model. Do not degrade the safety of the receiver through improper servicing.

NOTE:

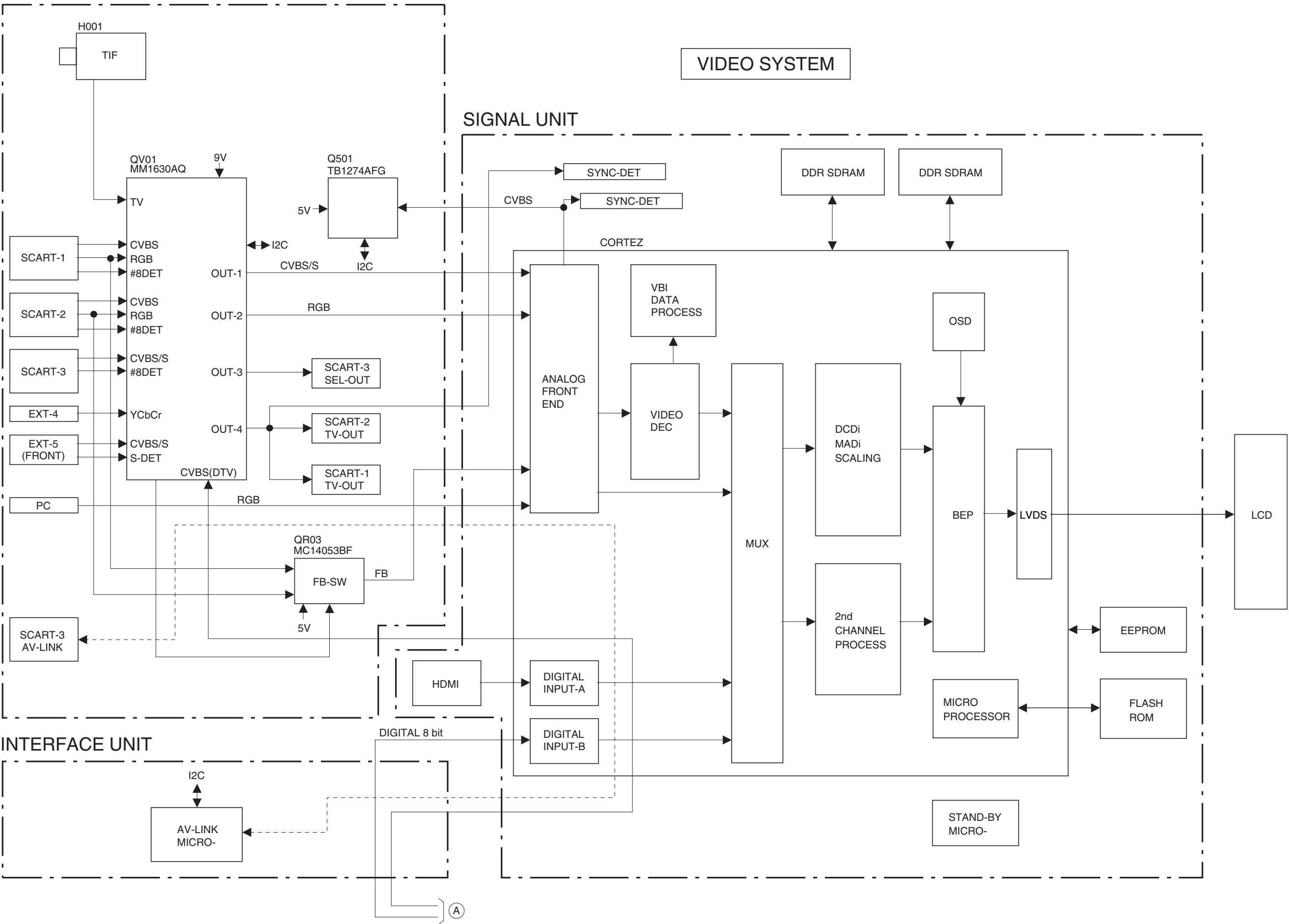
1. RESISTOR Resistance is shown in ohm [K = 1.000, M = 1.000.000]. All resistors are 1/6W and 5% tolerance carbon resistor, unless otherwise noted as the following marks.
1/2R = Metal or Metal oxide of 1/2 watt 1/2S = Carbon composition of 1/2 watt
1RF = Fuse resistor of 1 watt 10W = Cement of 10 watt
K = $\pm 10\%$ G = $\pm 2\%$ F = $\pm 1\%$
2. CAPACITOR Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in pF, and the values more than 1 in pF.
All capacitors are ceramic 50V, unless otherwise noted as the following marks.
 Electrolytic capacitor  Mylar capacitor
3. The parts indicated with "" have special characteristics, and should be replaced with identical parts only.
4. Voltages read with DIGITAL MULTI-METER from point indicated to chassis ground, using a color bar signal with all controls at normal, line voltage at 220 volts.
5. Waveforms are taken receiving color bar signal with enough sensitivity.
6. Voltage reading shown are nominal values and may vary $\pm 20\%$ except H.V.

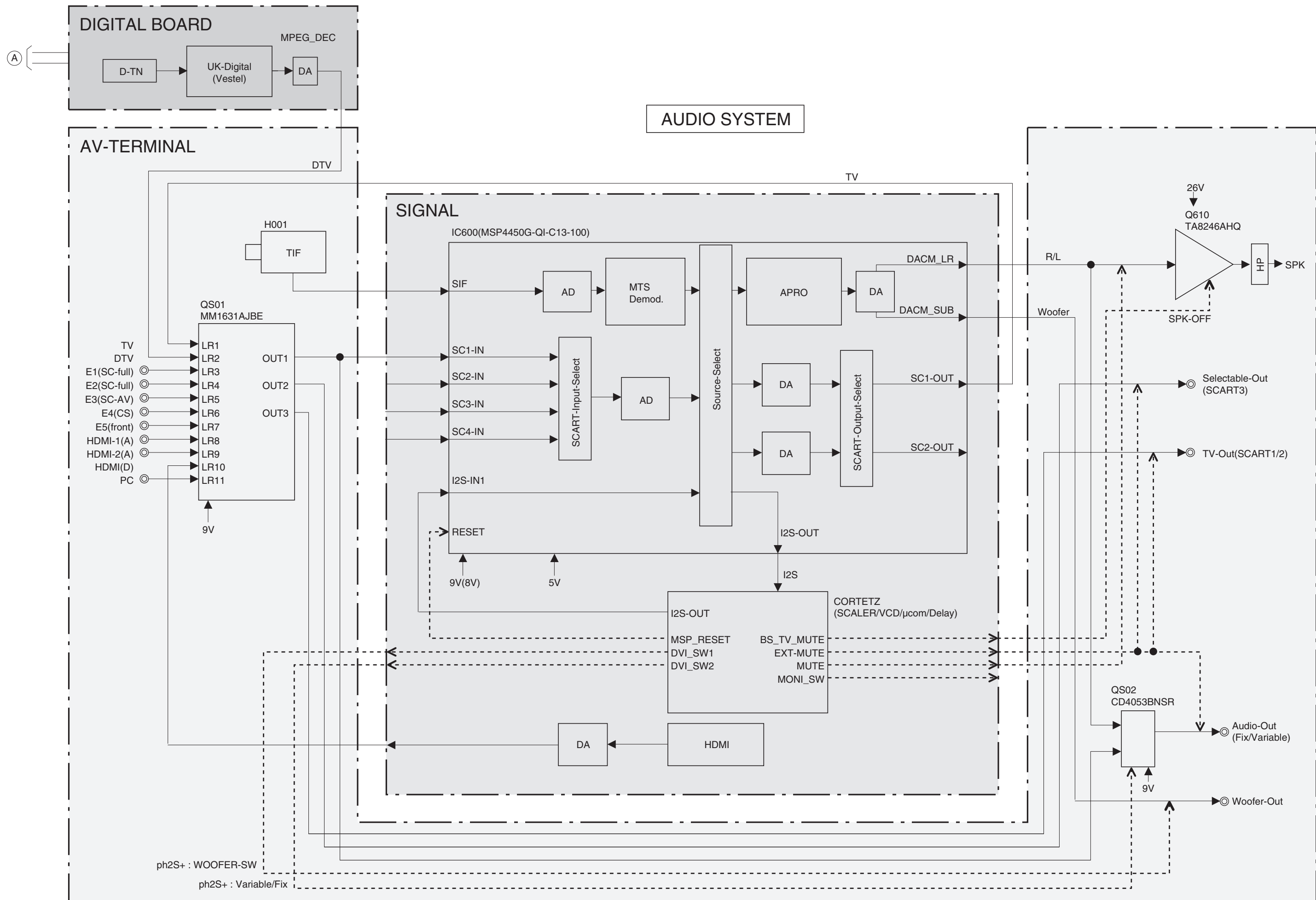
■ SCHEMATIC DIAGRAM STRUCTURE:

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	RCC POWER	[SHEET-5/7] 10/66
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CIRCUIT BLOCK DIAGRAM

TN-AV UNIT





1

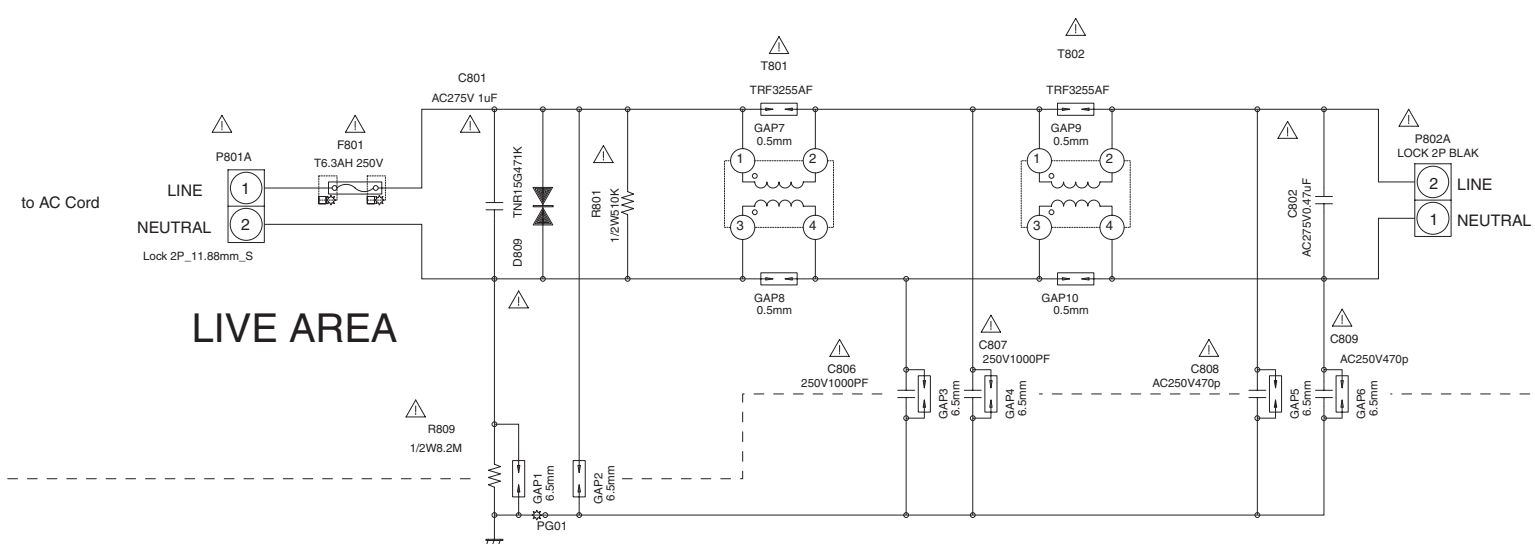
2

A

A

B

B

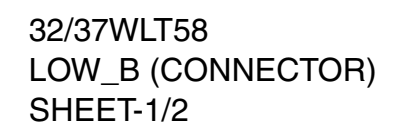


32/37WLT58
AC INPUT

1

2





1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

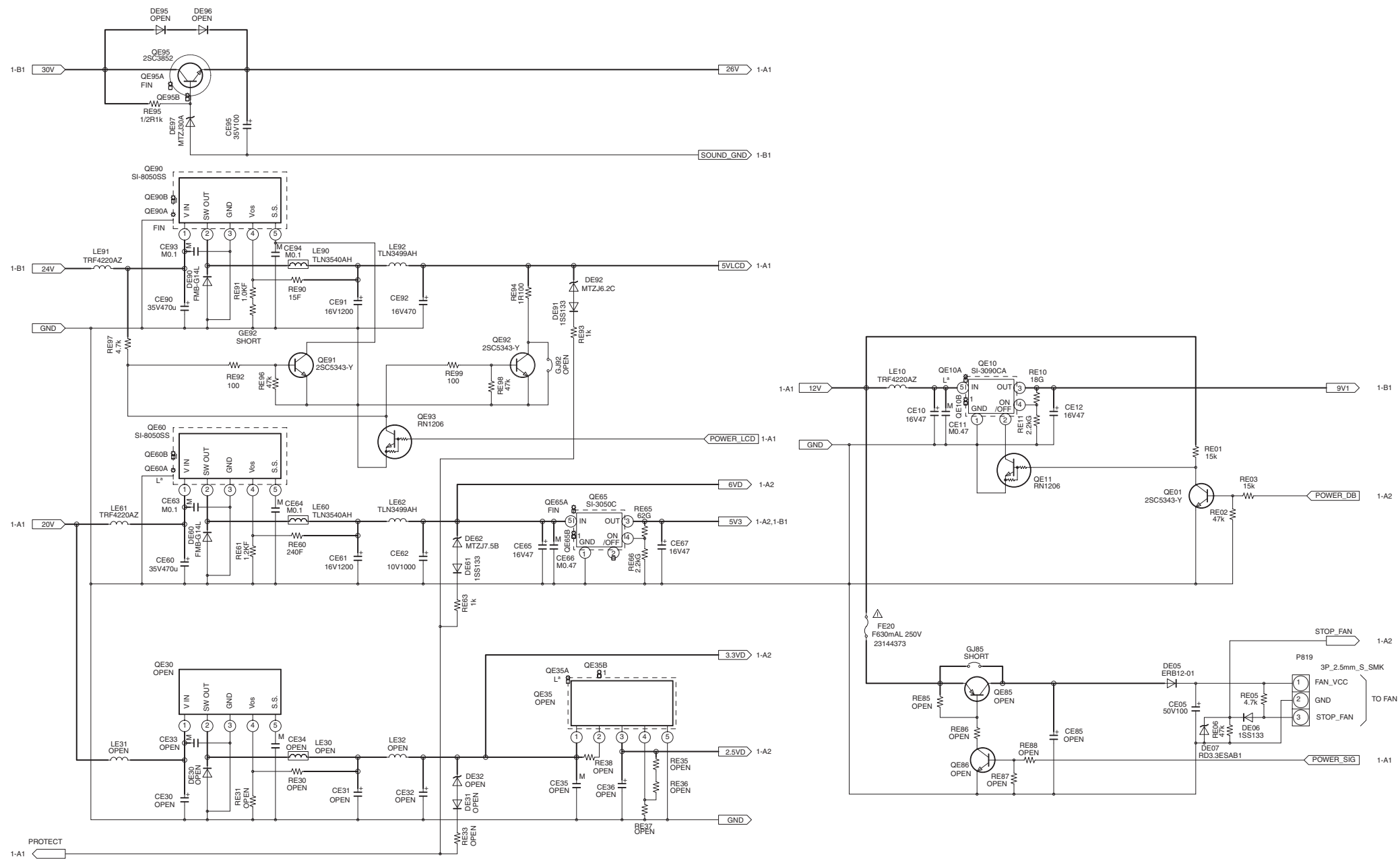
D

E

E

F

F



32/37WLT58
LOW_B (LOWB)
SHEET-2/2

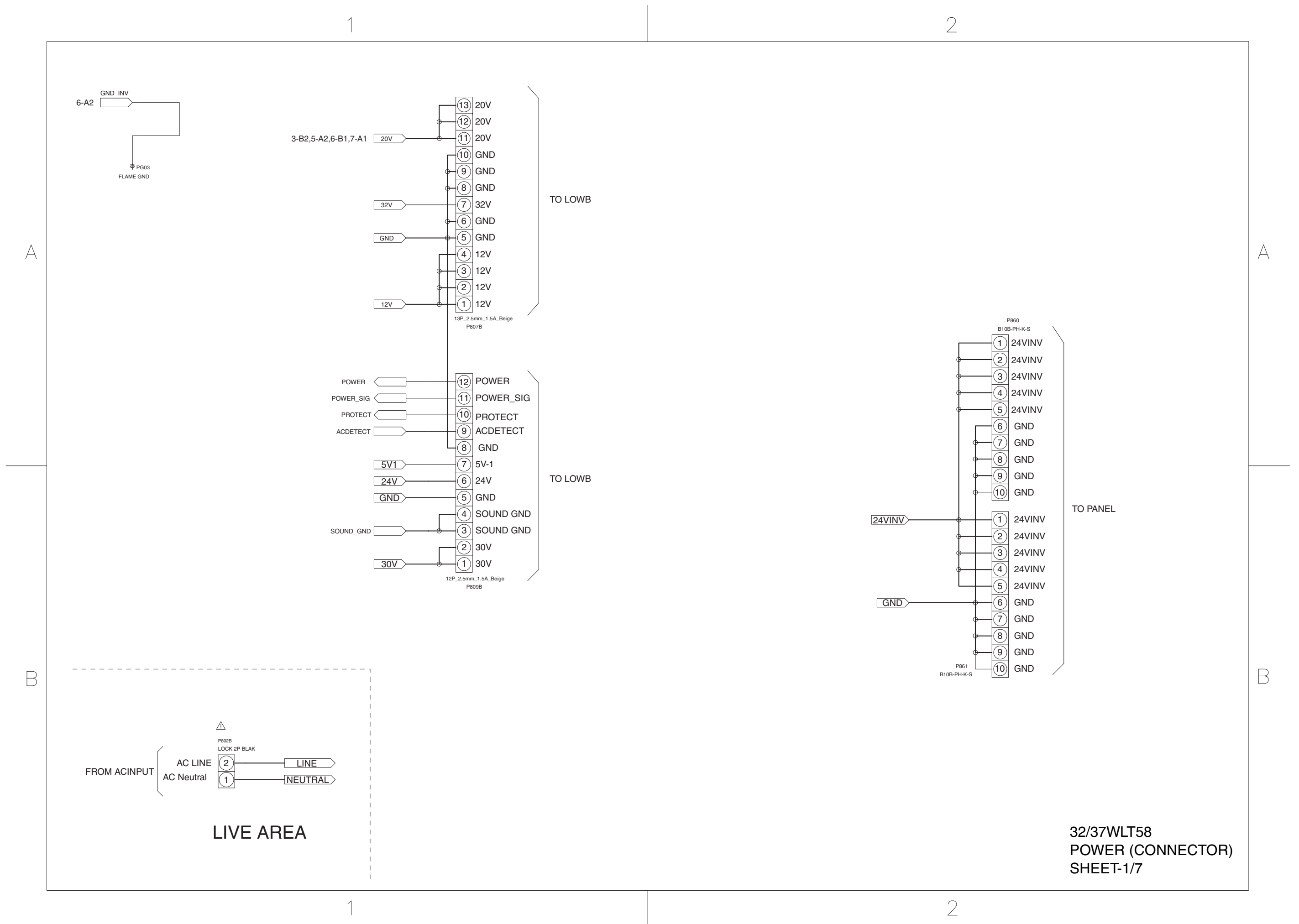
HDMI
Audio

PC SOUND

PC-DSUB

19P-FFC

32/37WLT58
PC-HDMI-IN



1

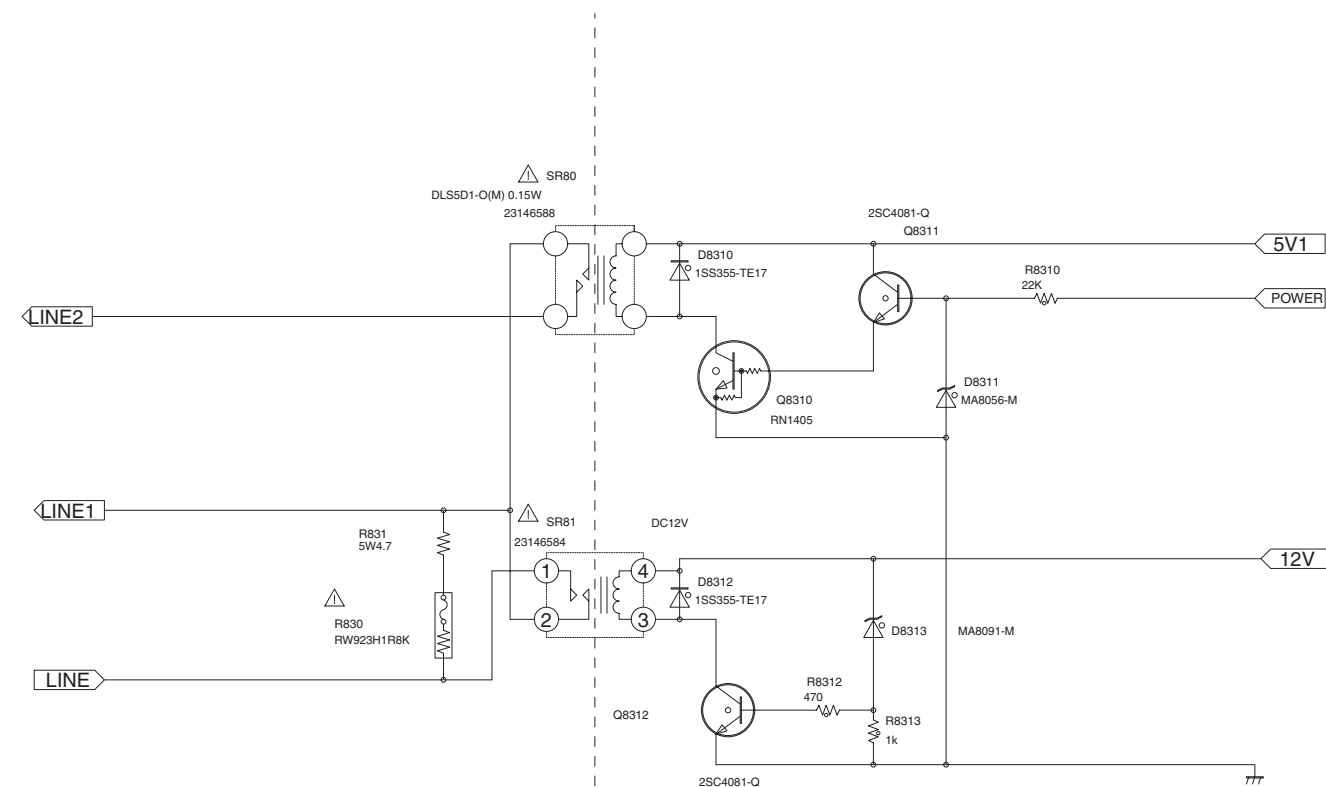
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A

A

B

B

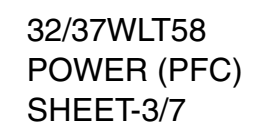


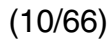
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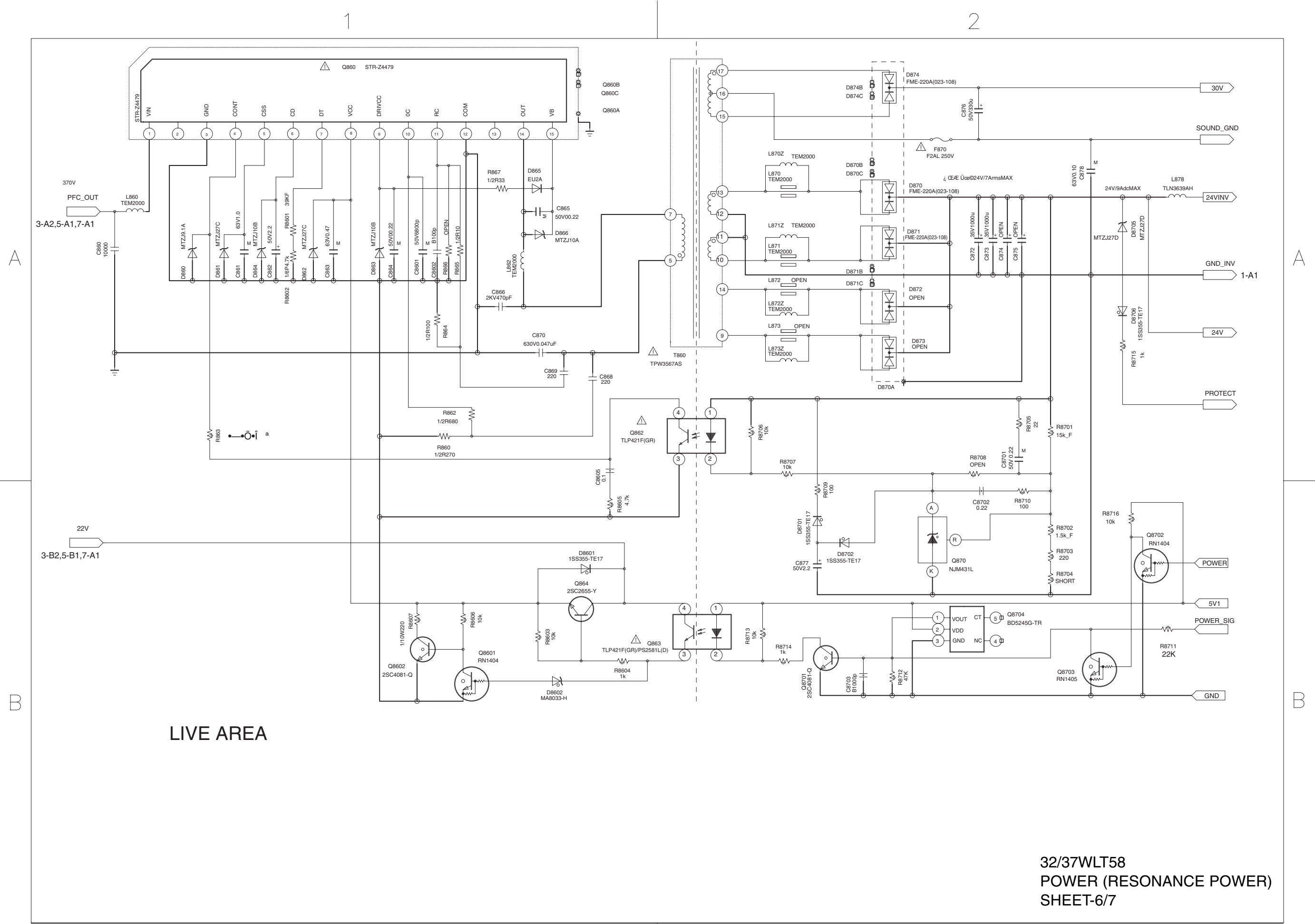
32/37WLT58
POWER (RELAY/RUSH PROTECTION)
SHEET-2/7

1

2







1

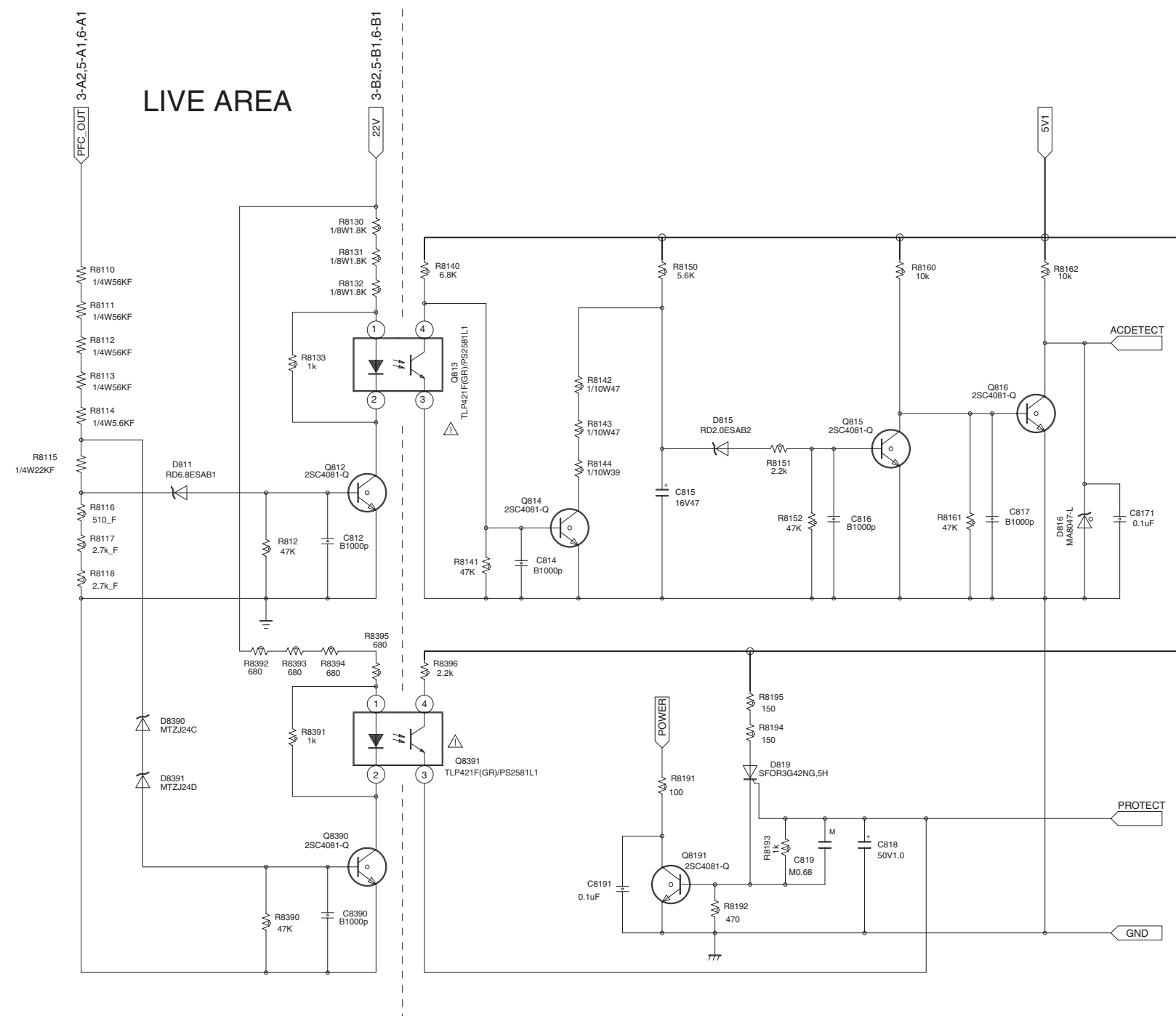
2

A

B

A

B



32/37WLT58
POWER (PROTECT/ AC DETECT)
SHEET-7/7

1

2

1

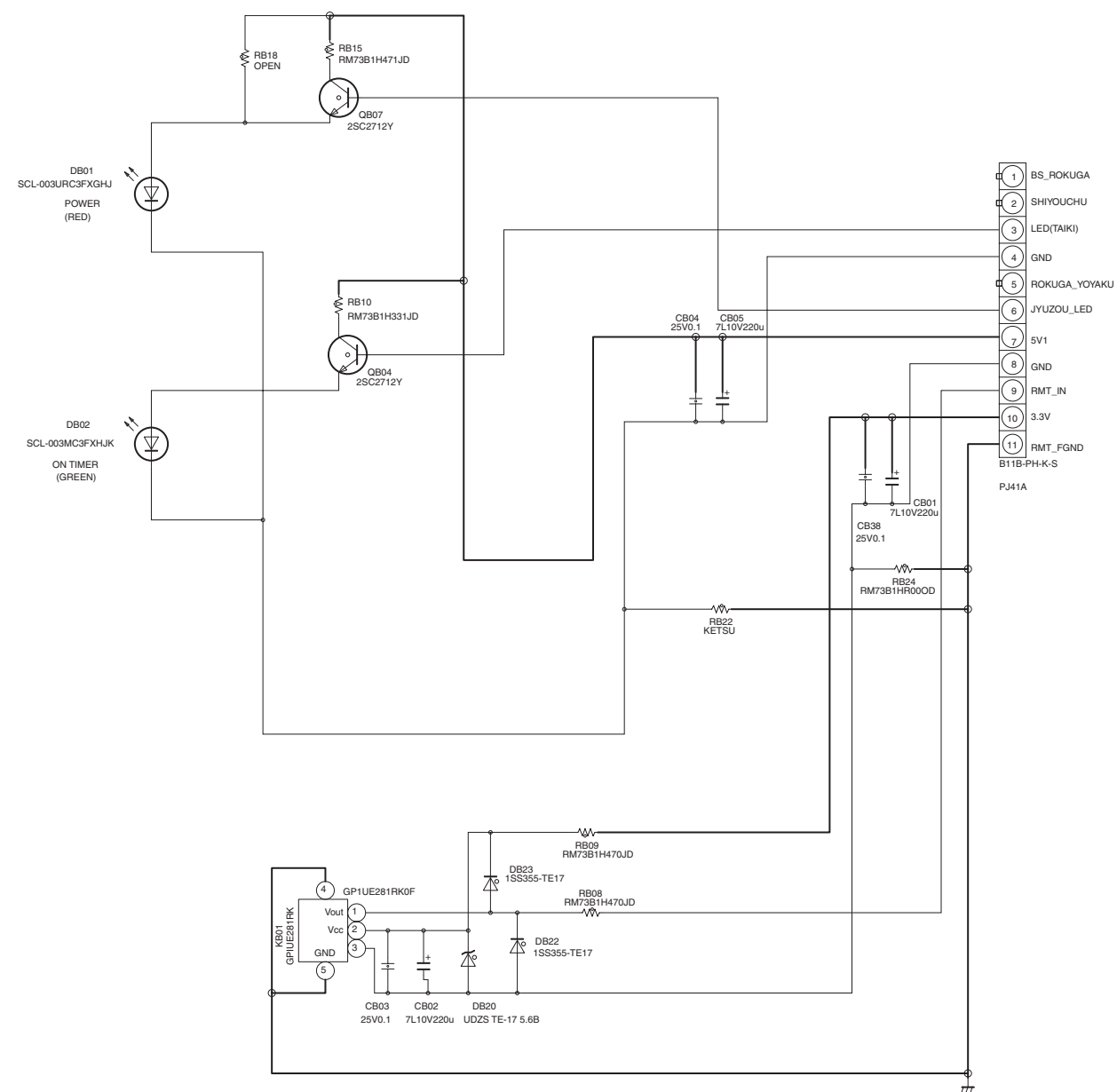
2

A

A

B

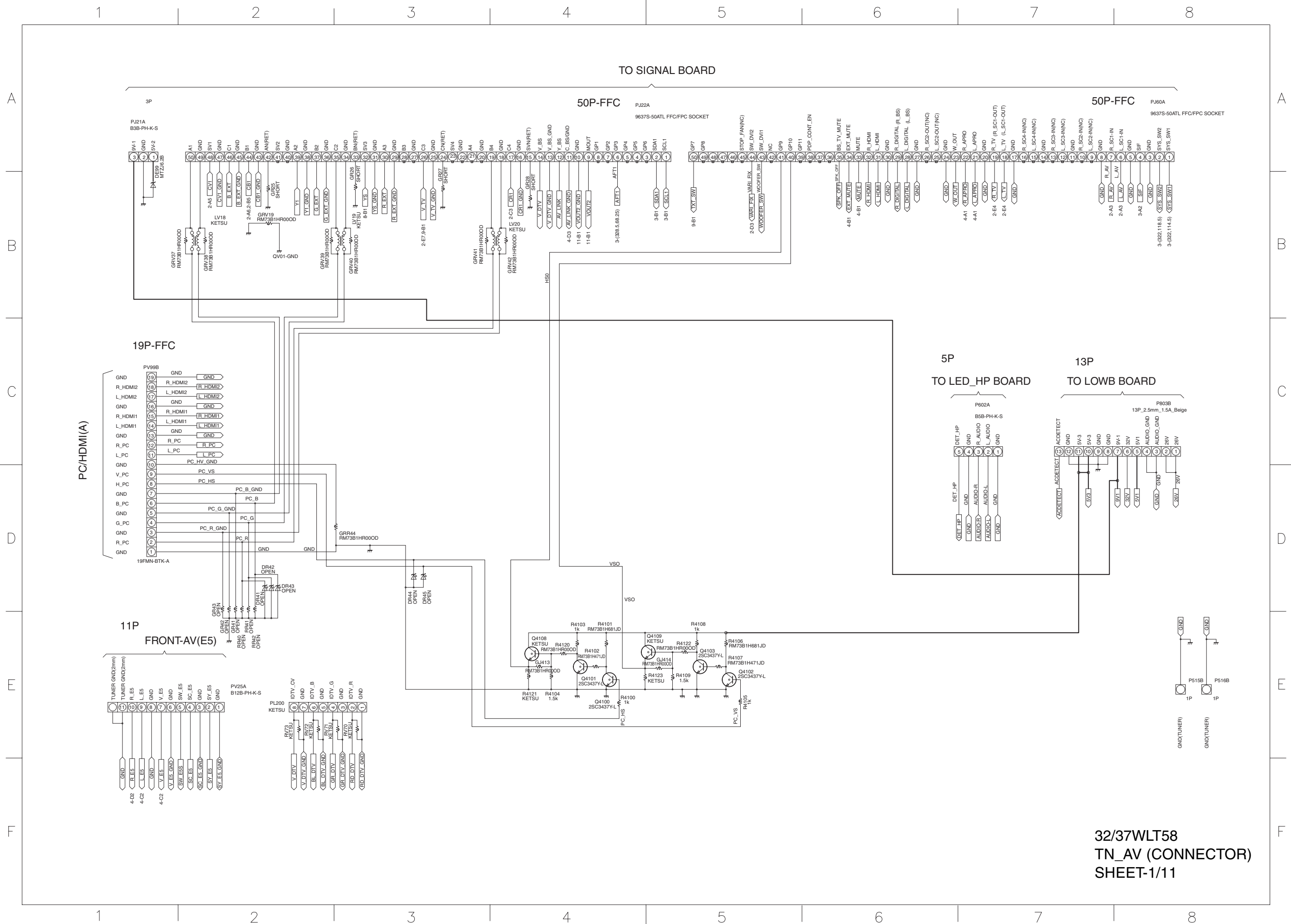
B



32/37WLT58
LED RMT

1

2



1

2

3

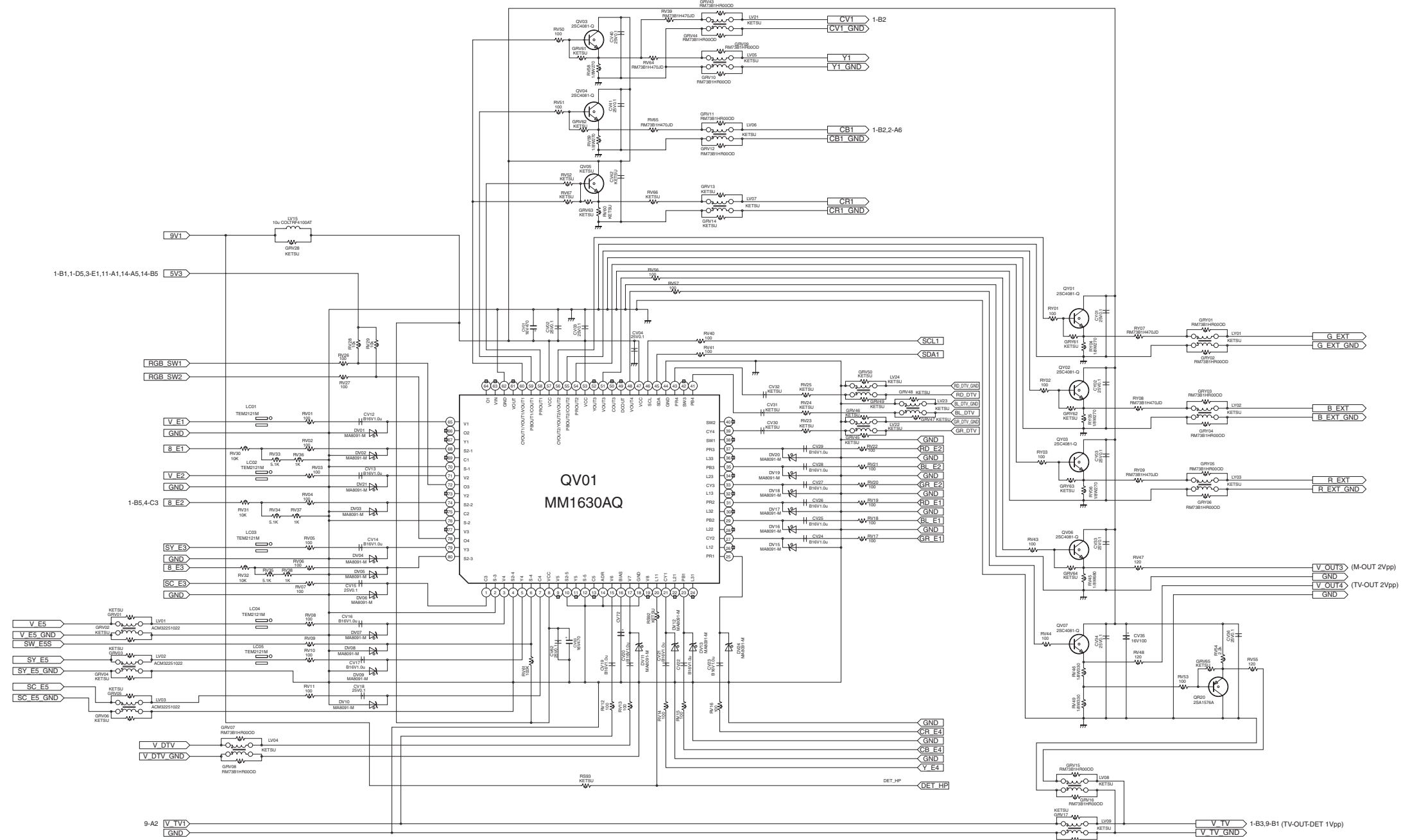
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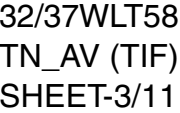
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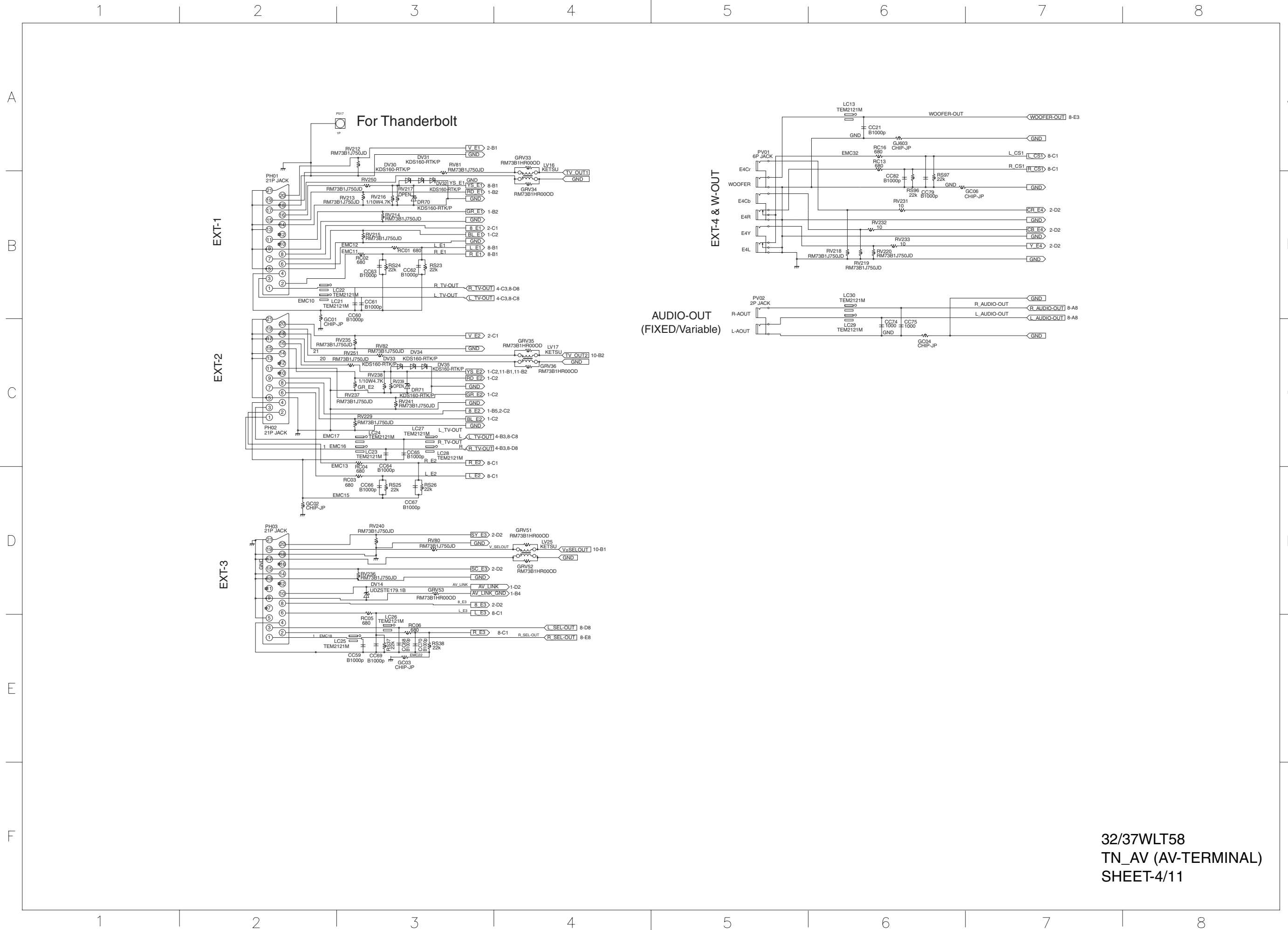
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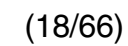
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32/37WLT58
TN_AV (VIDEO-SW)
SHEET-2/11









(19/66)

1

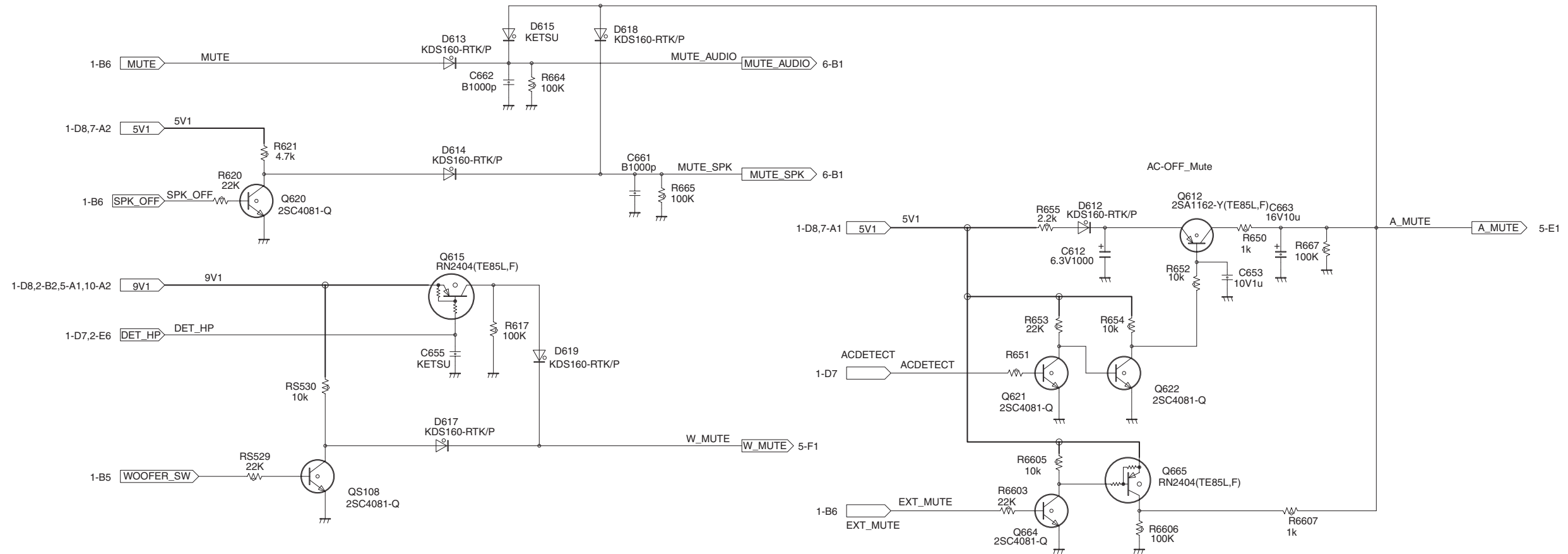
2

A

A

B

B



32/37WLT58
TN_AV (AUDIO MUTE)
SHEET-7/11

1

2

1

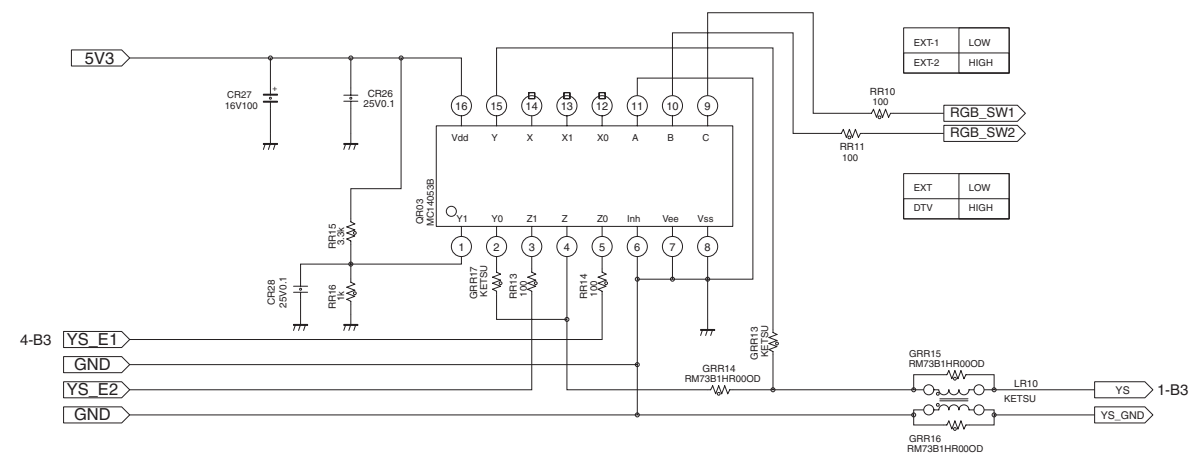
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A

A

B

B



32/37WLT58
TN_AV (RGB_SW)
SHEET-8/11

1

2

1

2

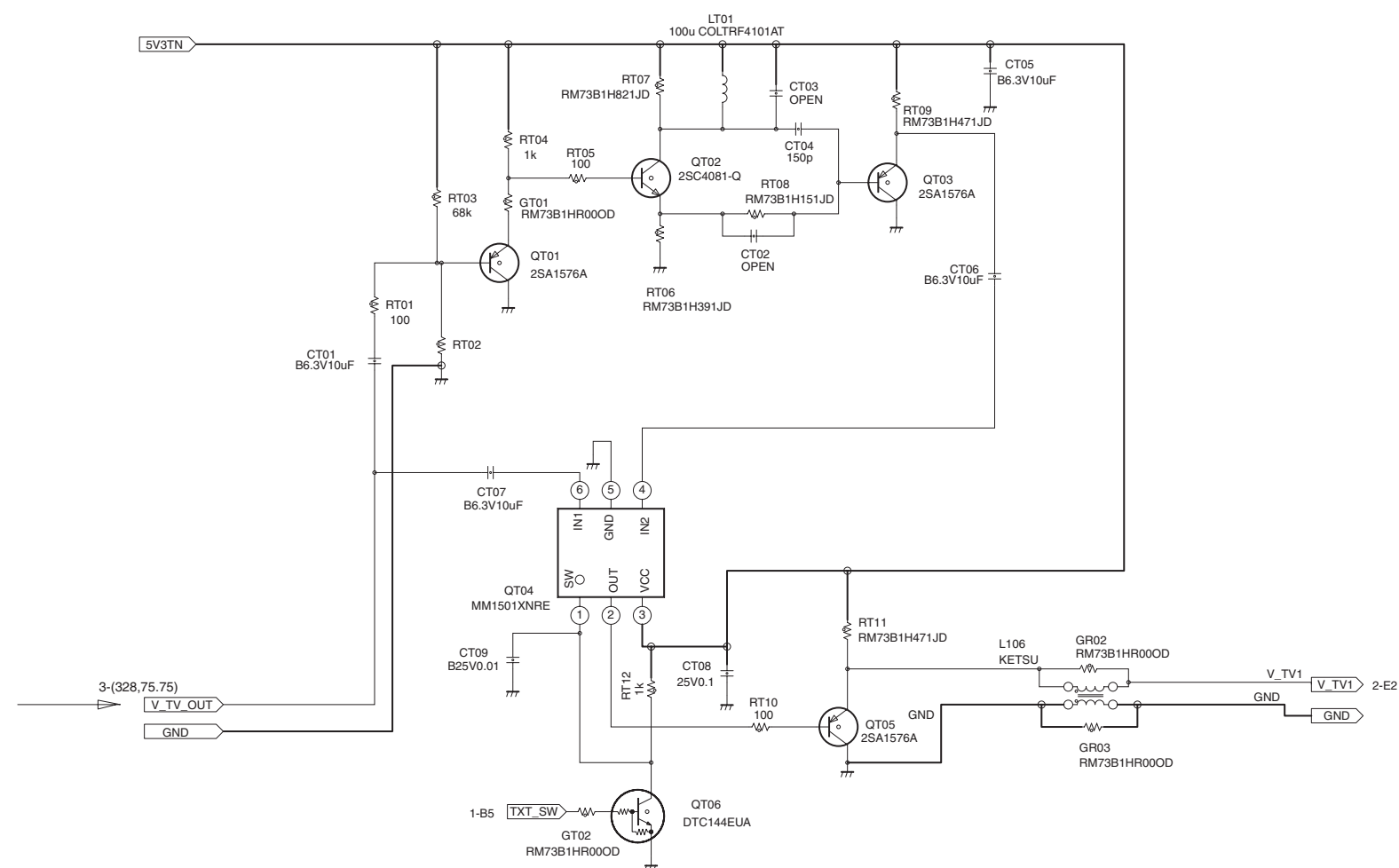
A

A

B

B

FROM TIF



32/37WLT58
TN_AV (TEXT SW)
SHEET-9/11

1

2

1

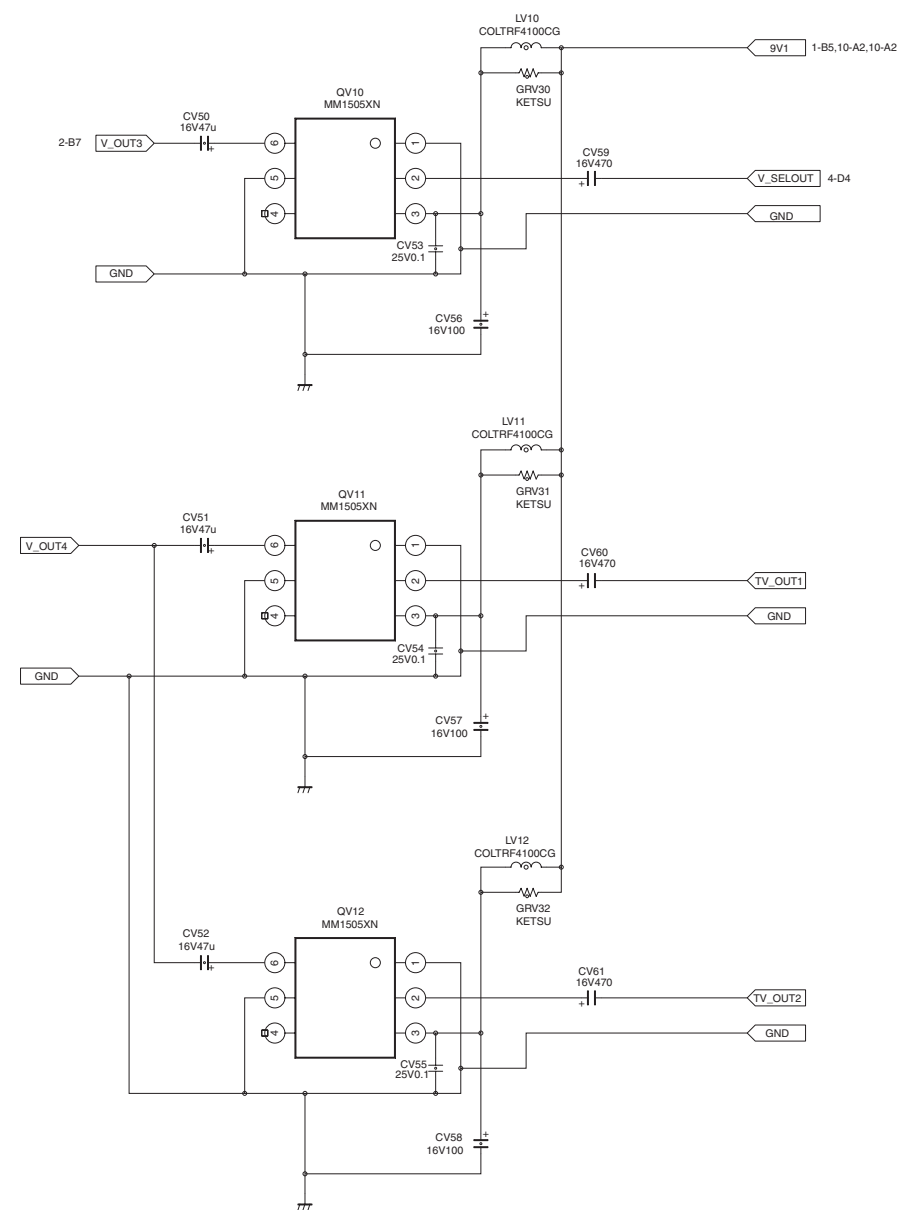
2

A

A

B

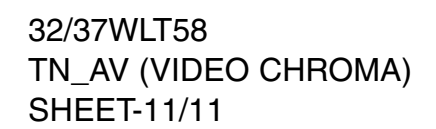
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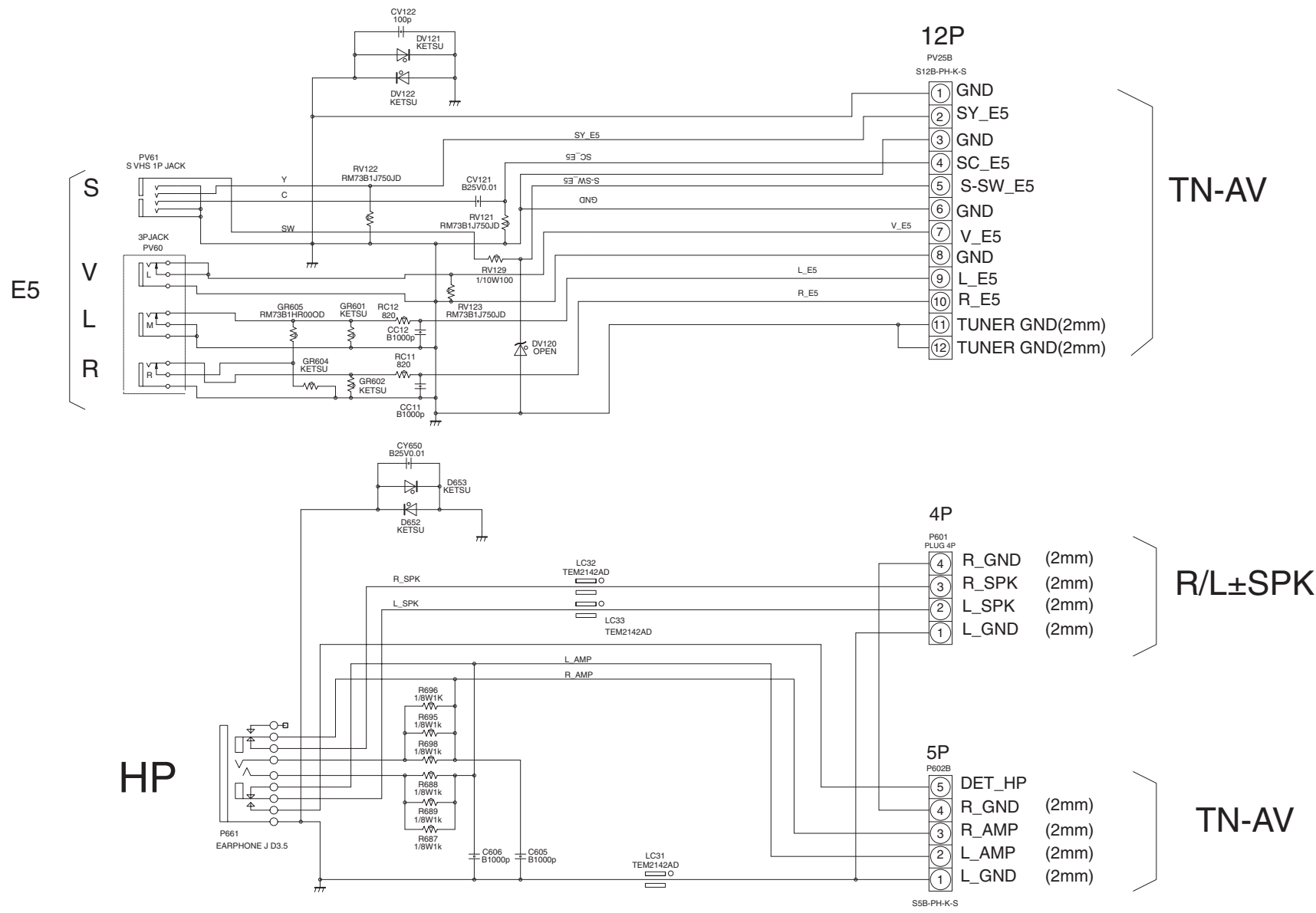


32/37WLT58
TN_AV (TV-OUT)
SHEET-10/11

1

2





32/37WLT58
FRONT-AV

1

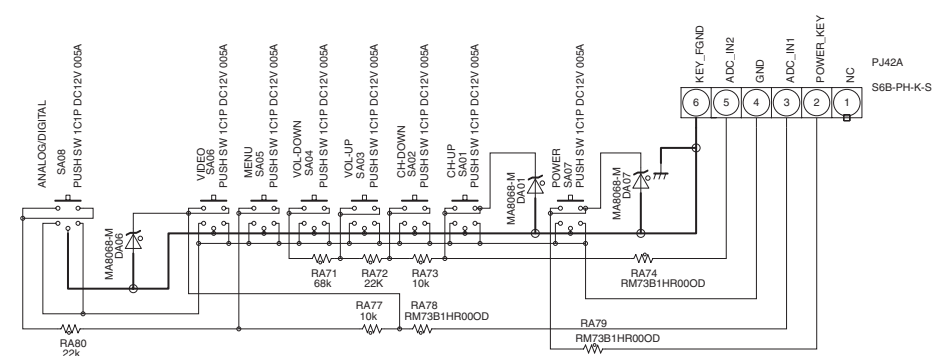
2

A

A

B

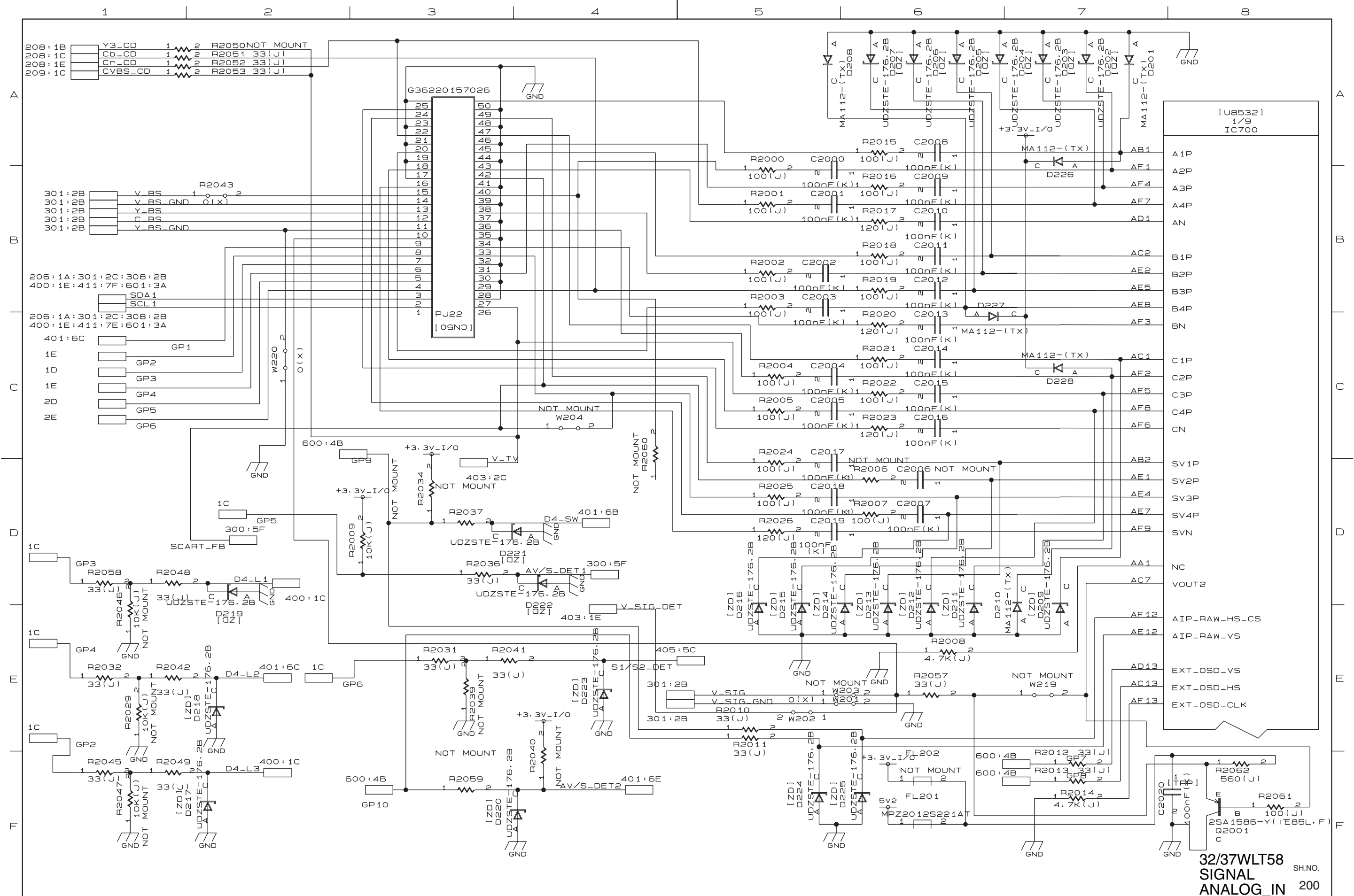
B



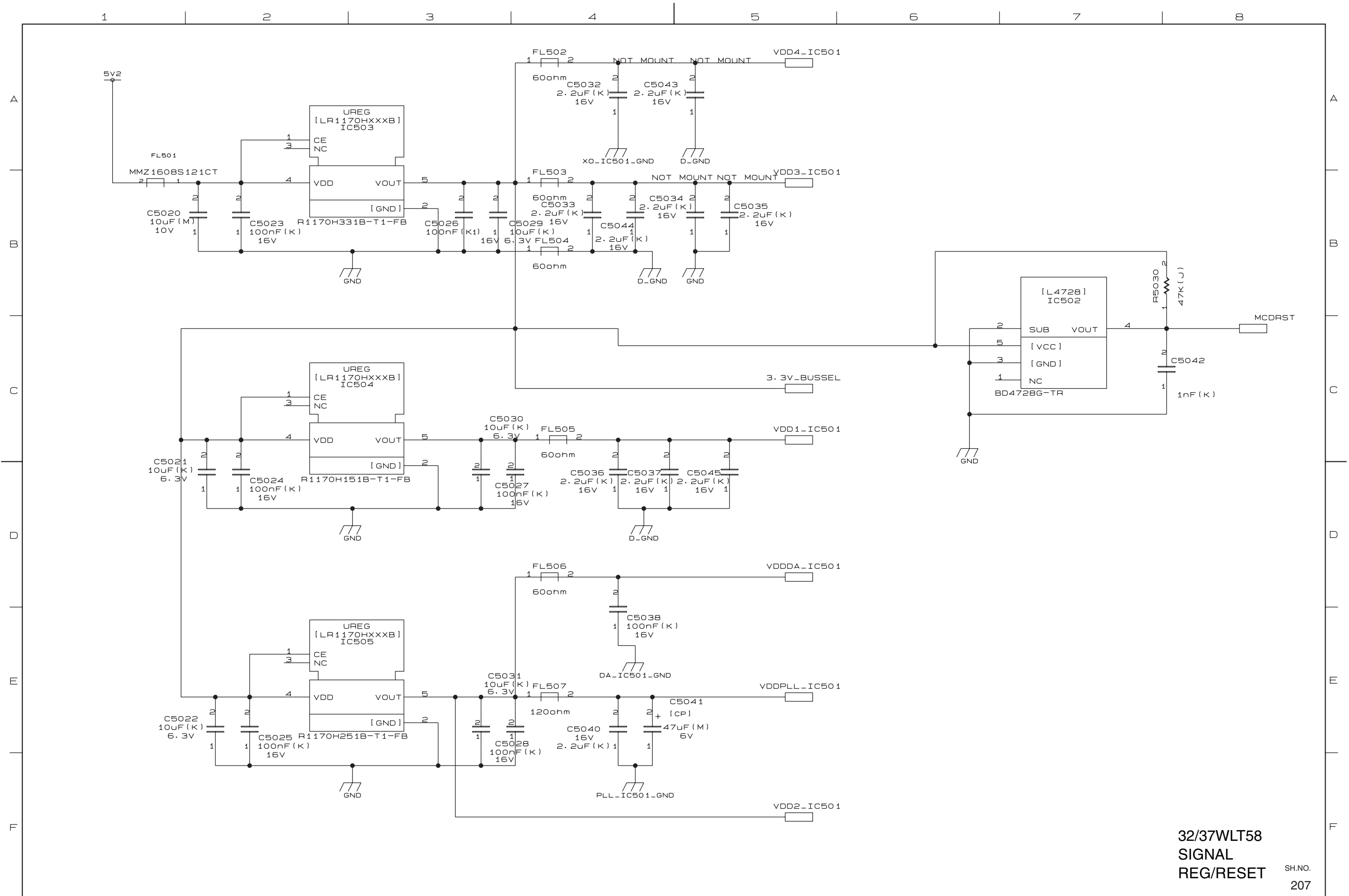
32/37WLT58
KEY

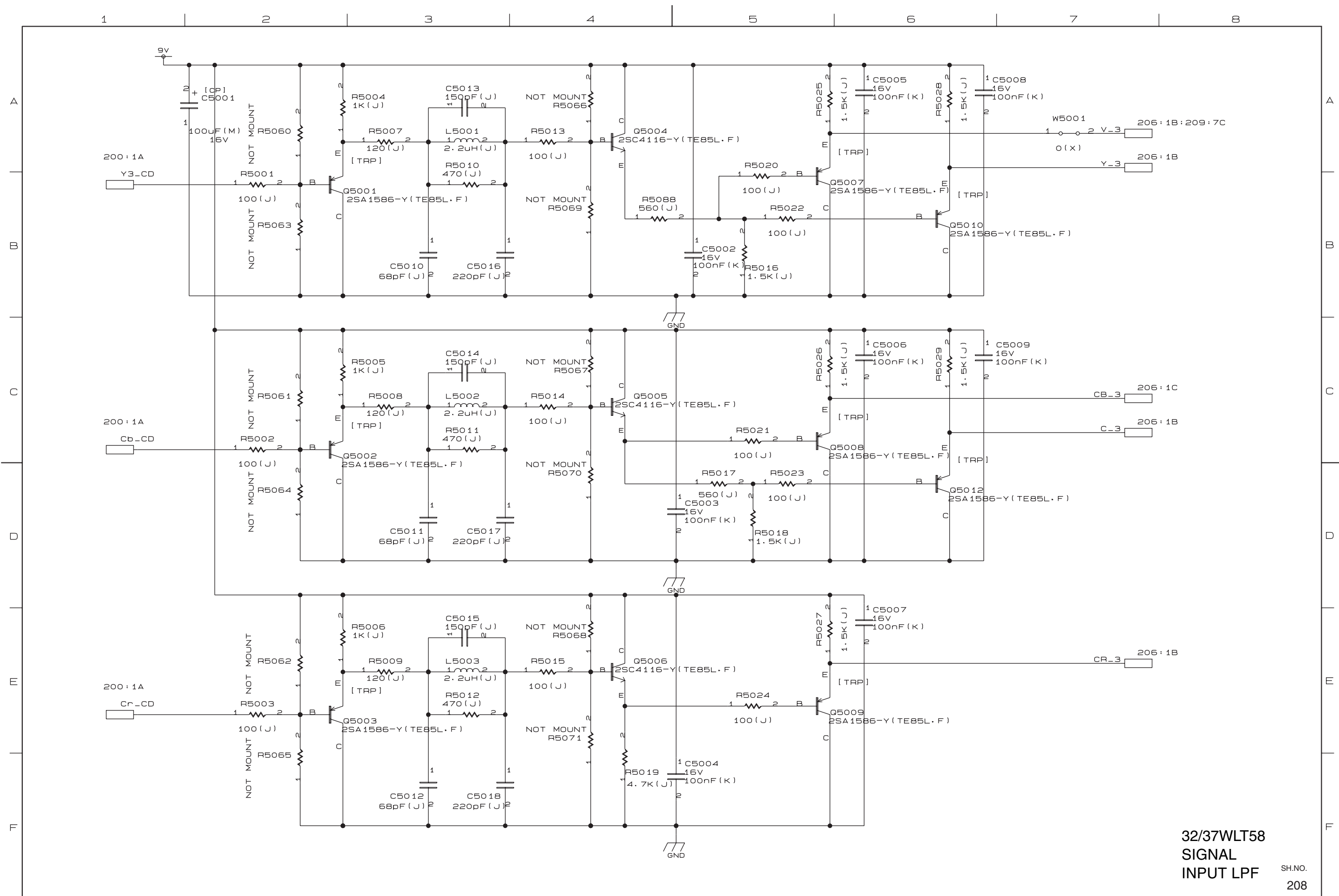
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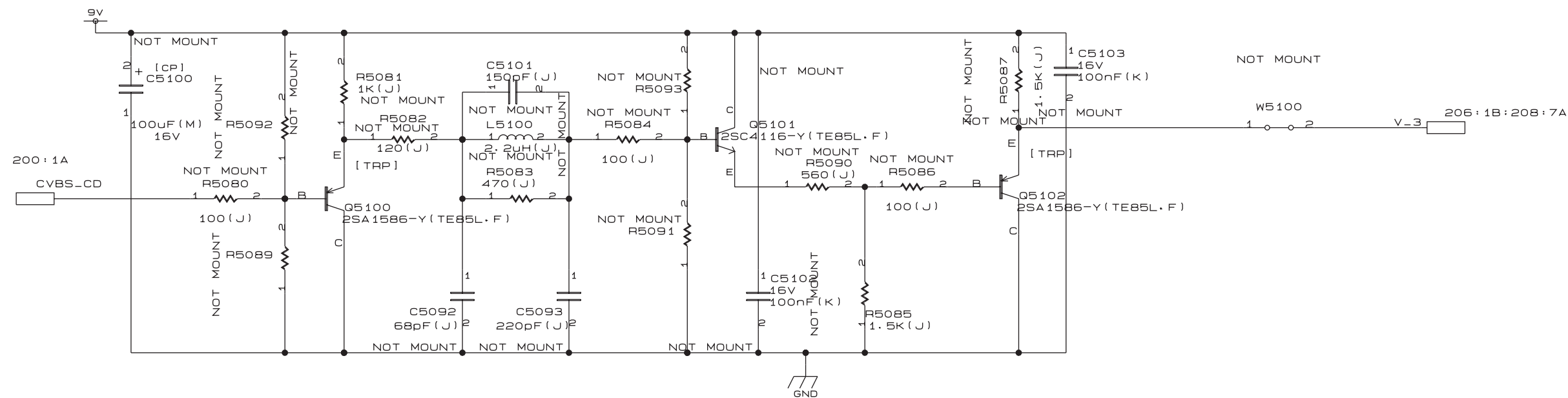
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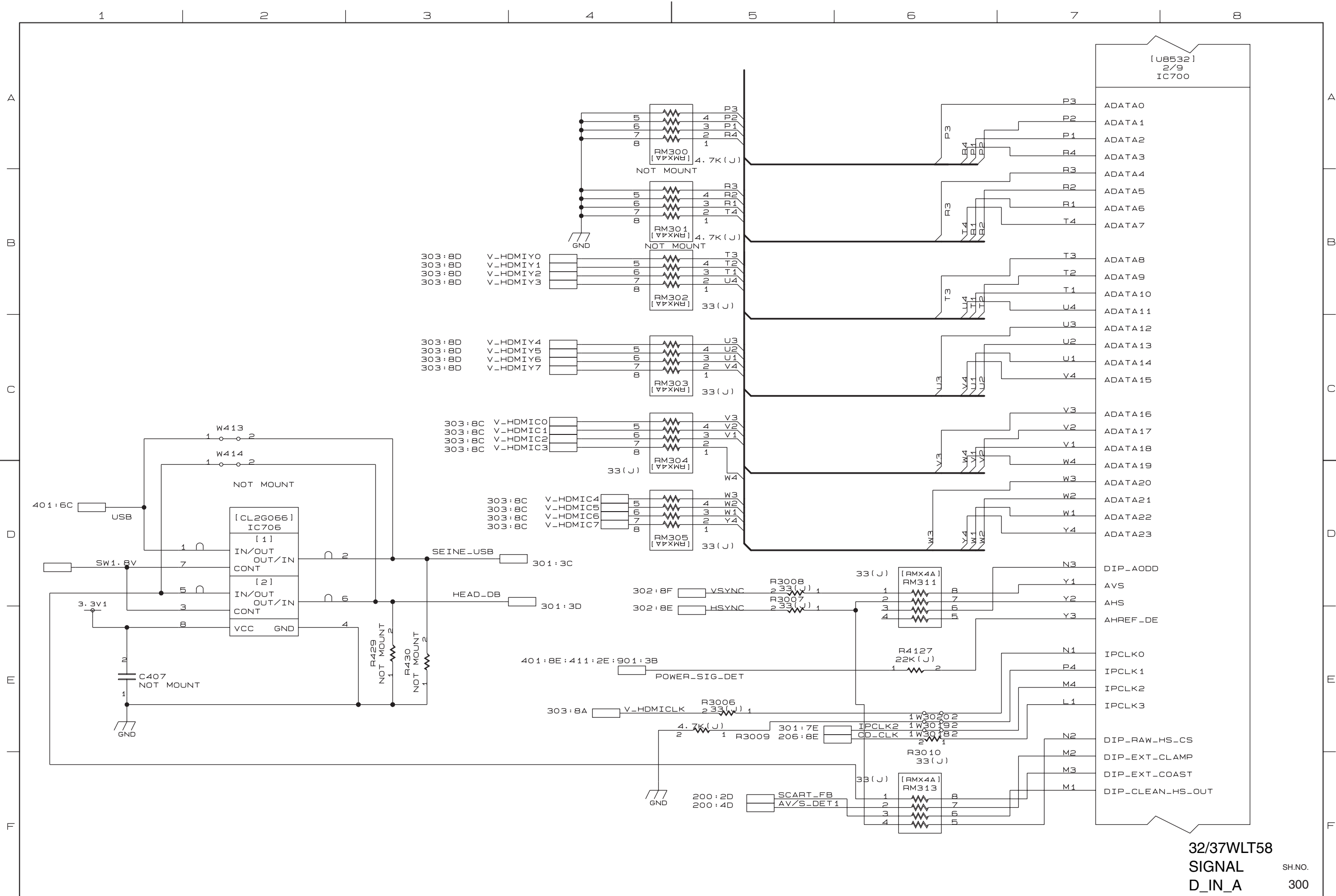


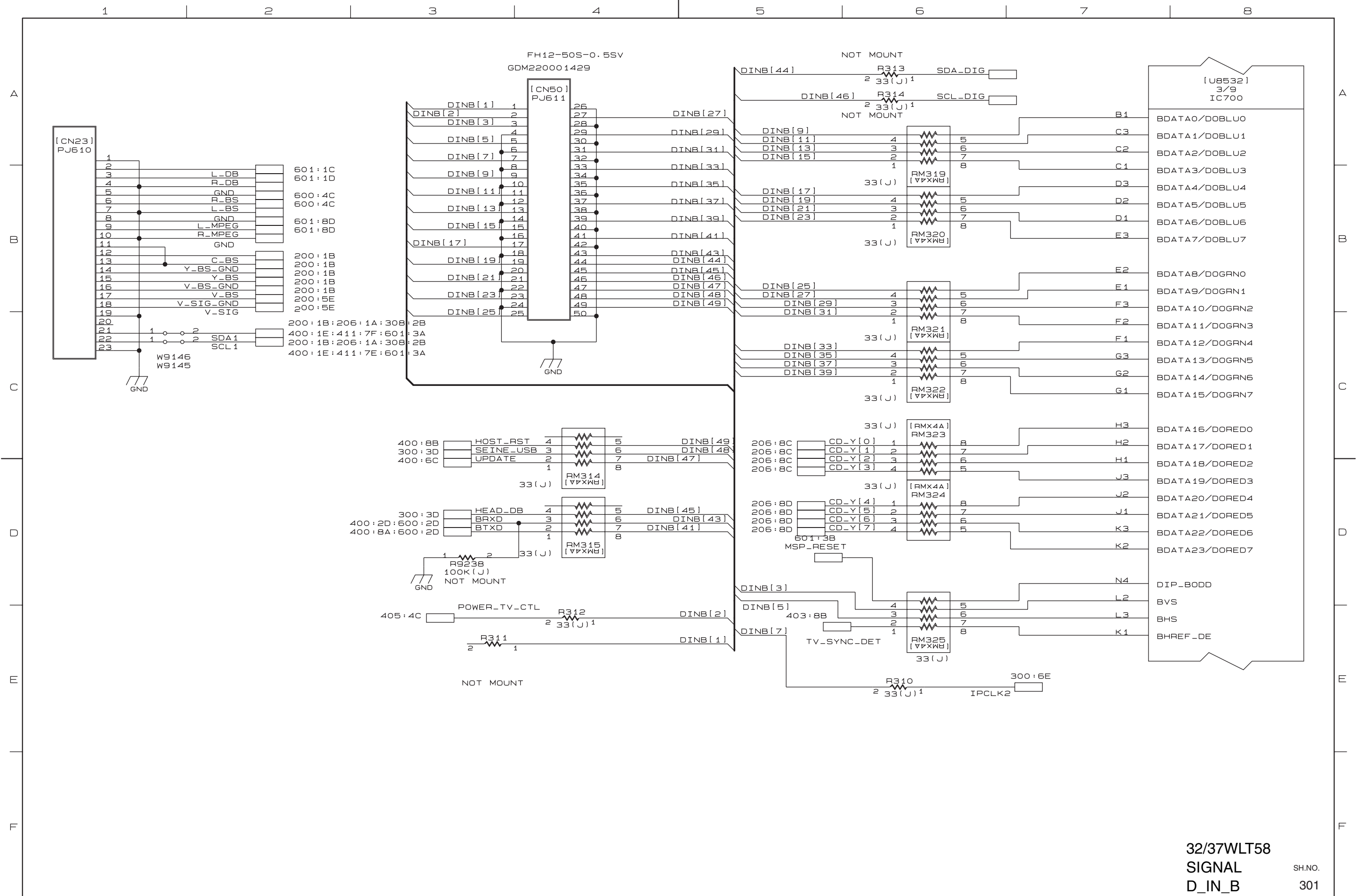


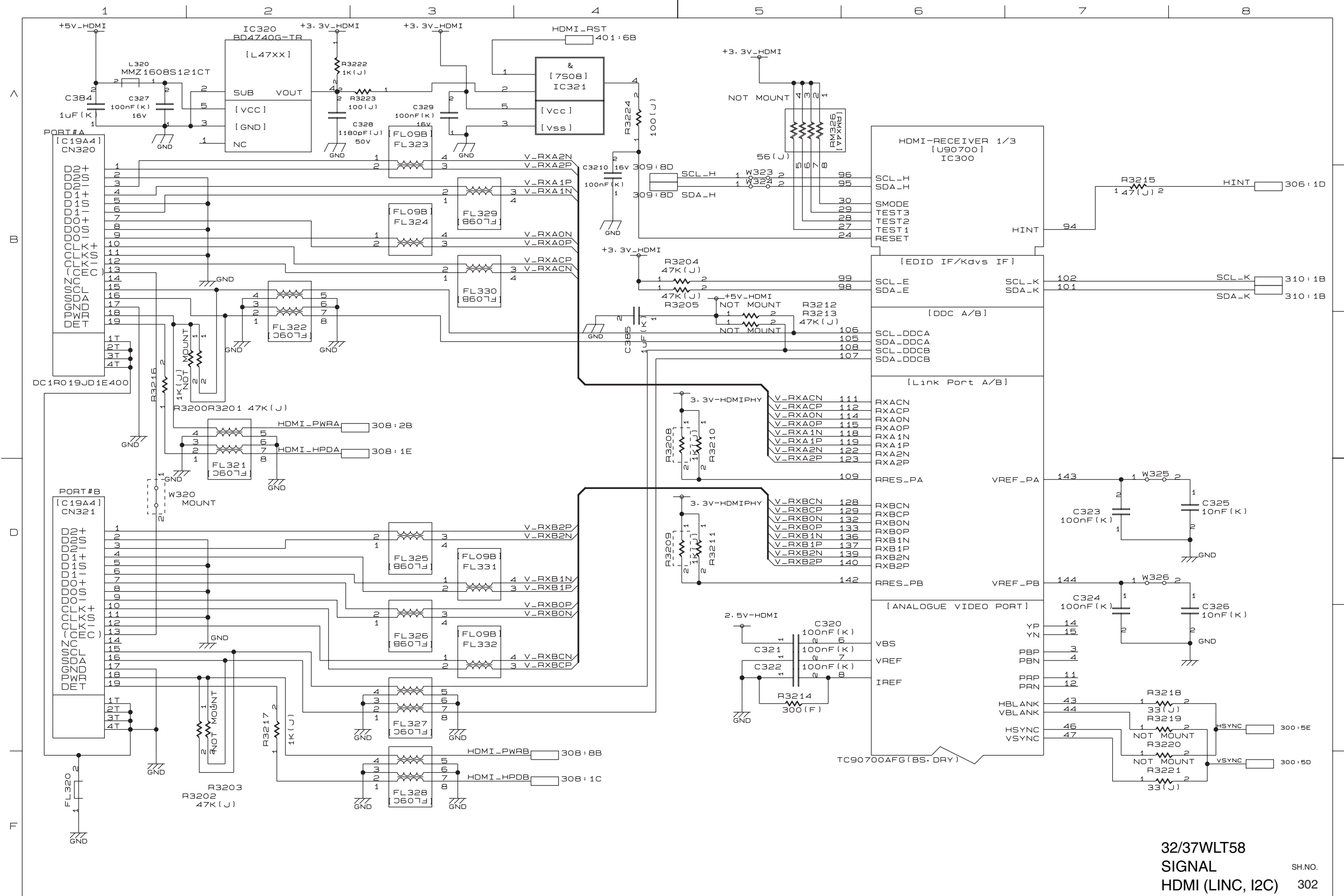


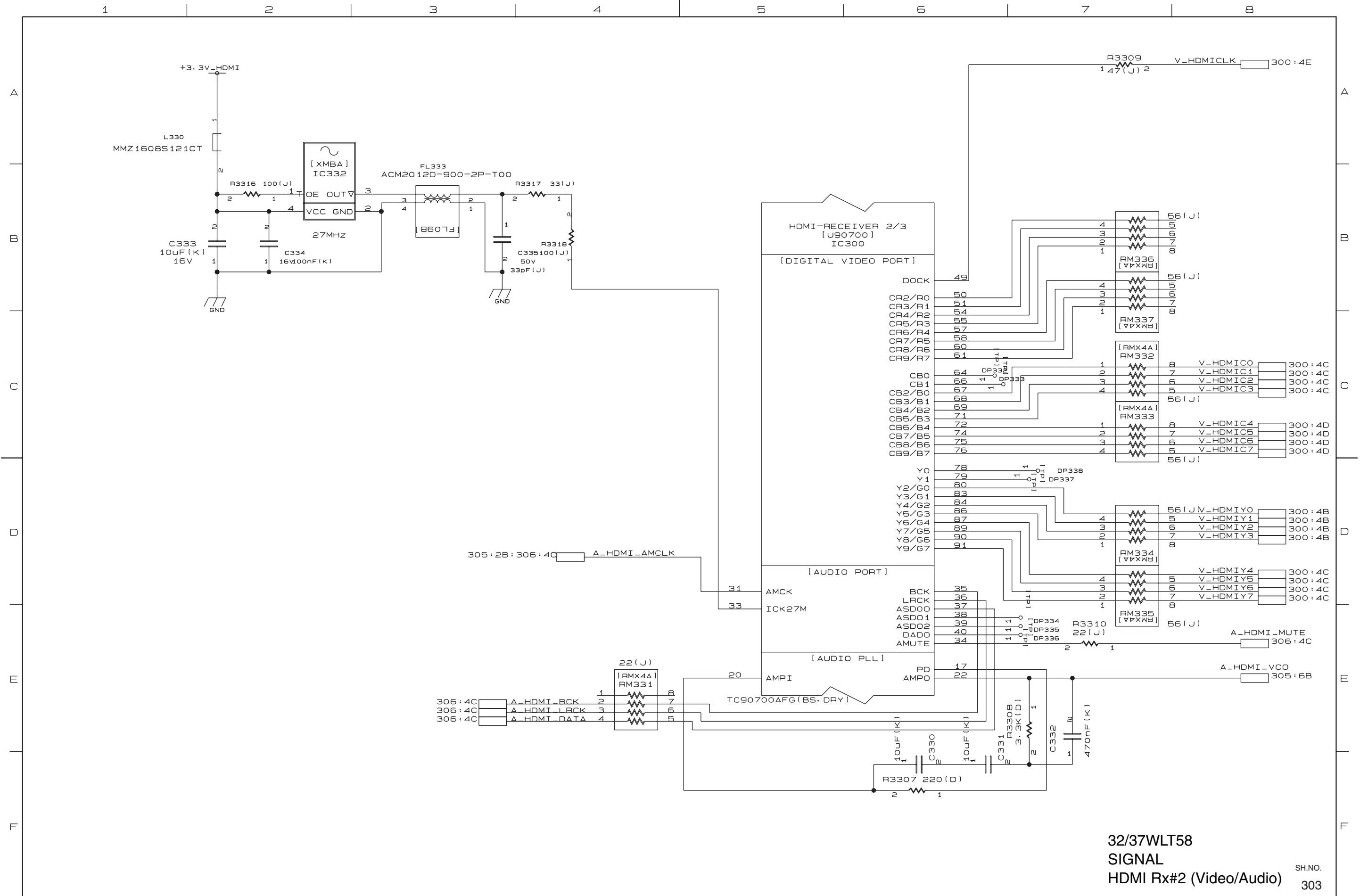
32/37WLT58
SIGNAL
FUNCTION

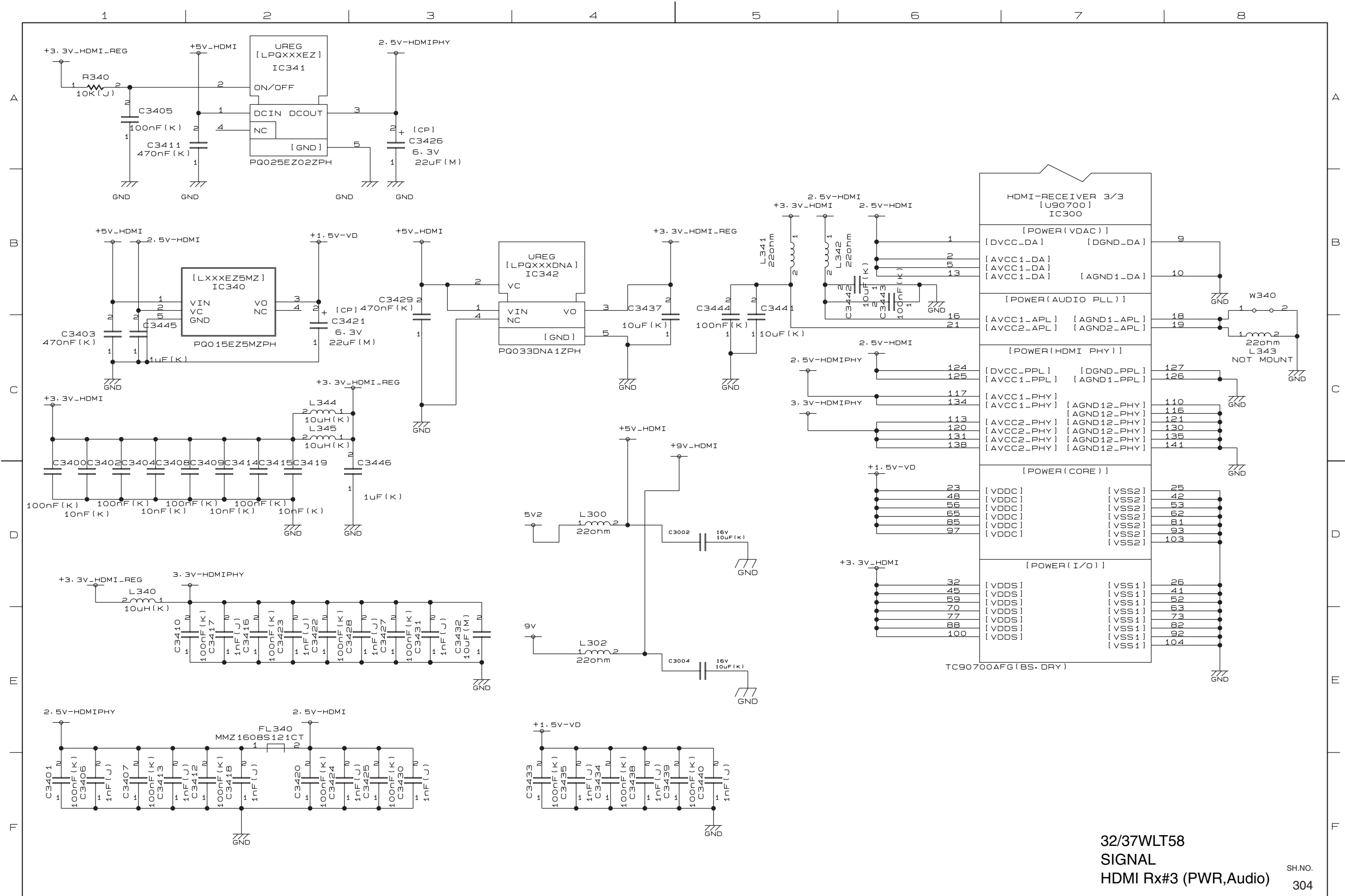
SH.NO.
209





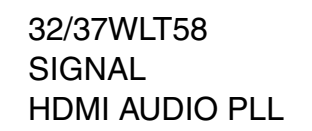






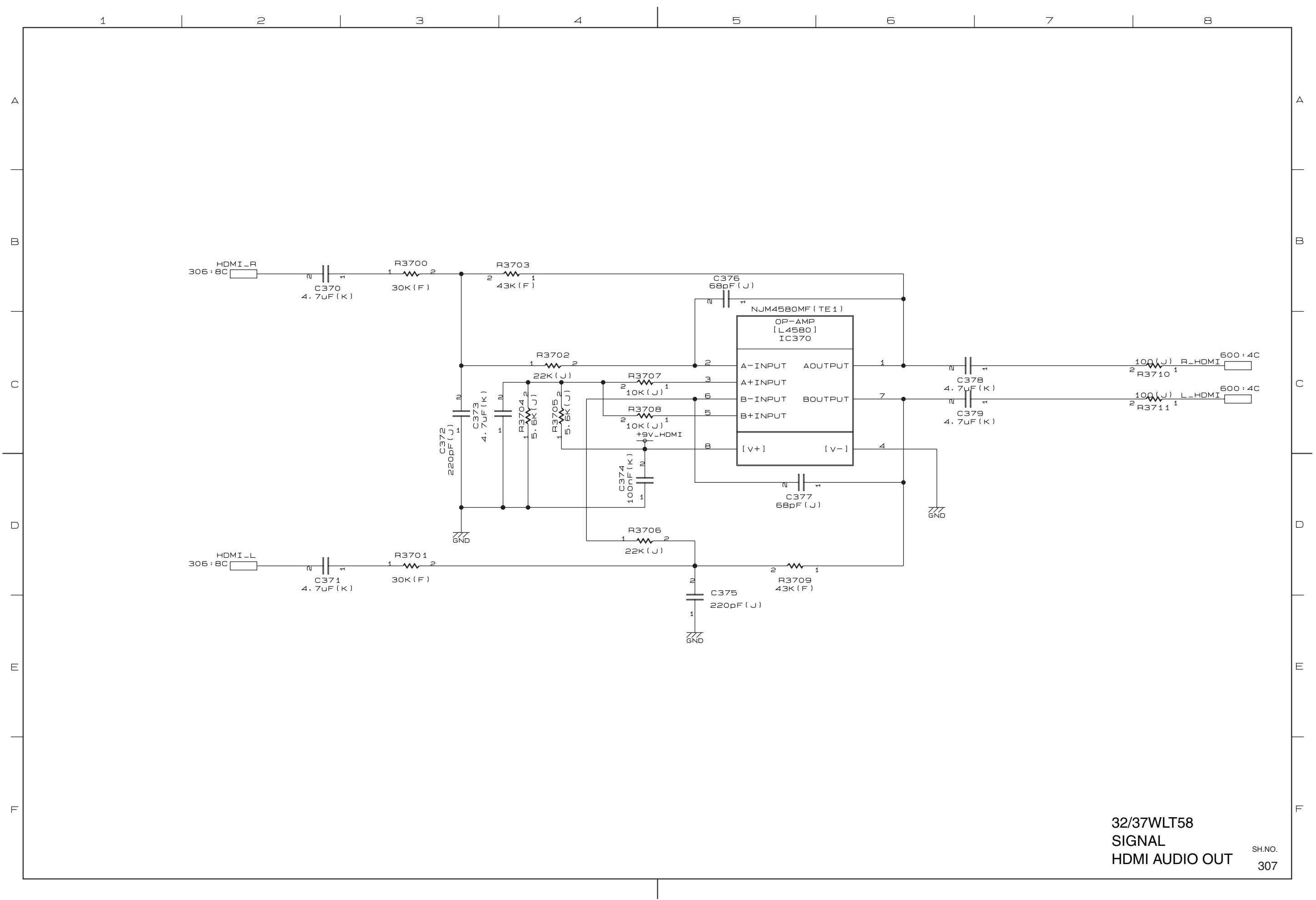
32/37WLT58
SIGNAL
HDMI Rx#3 (PWR,Audio)

SH.NO.
304



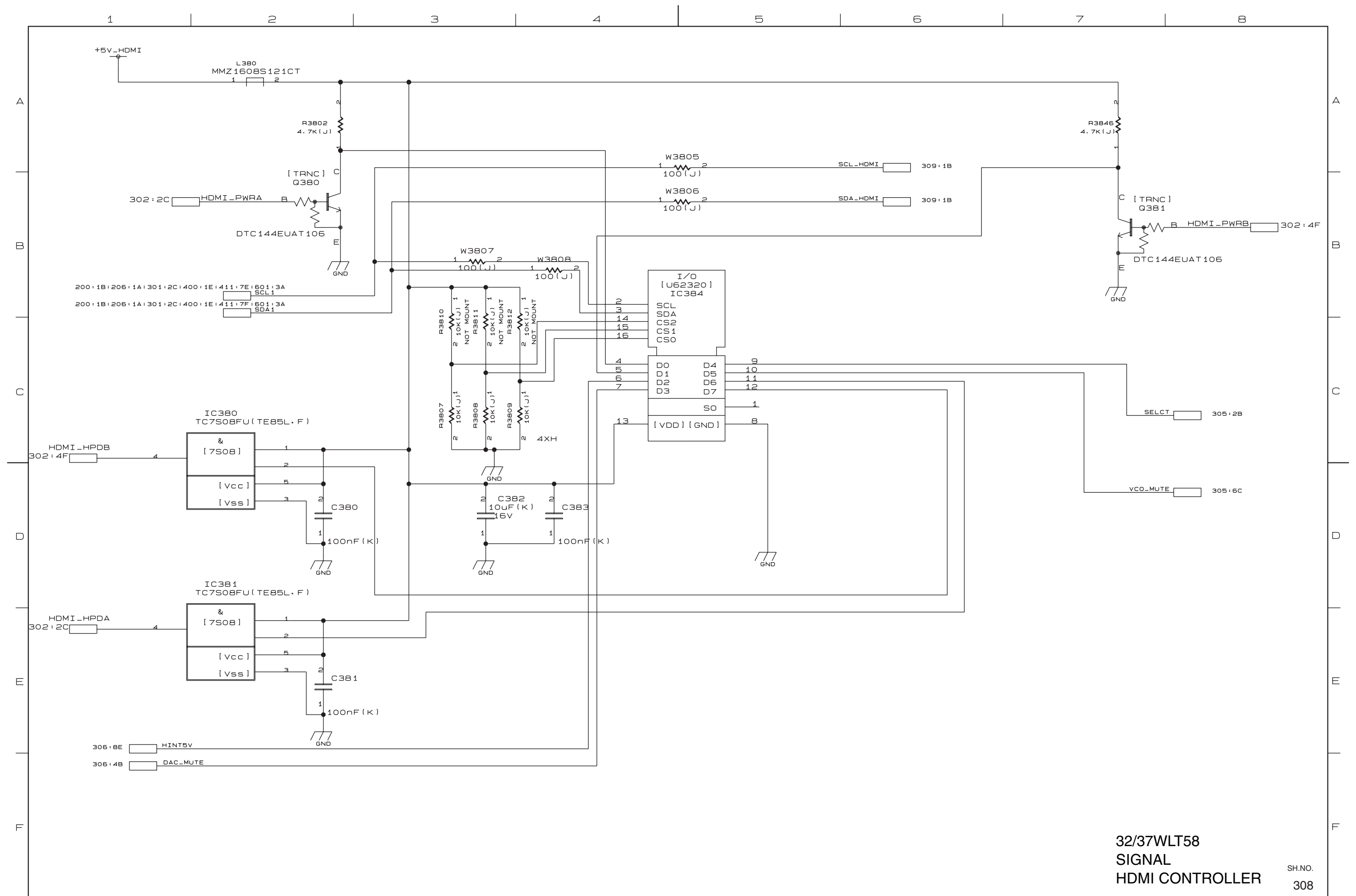
(37/66)

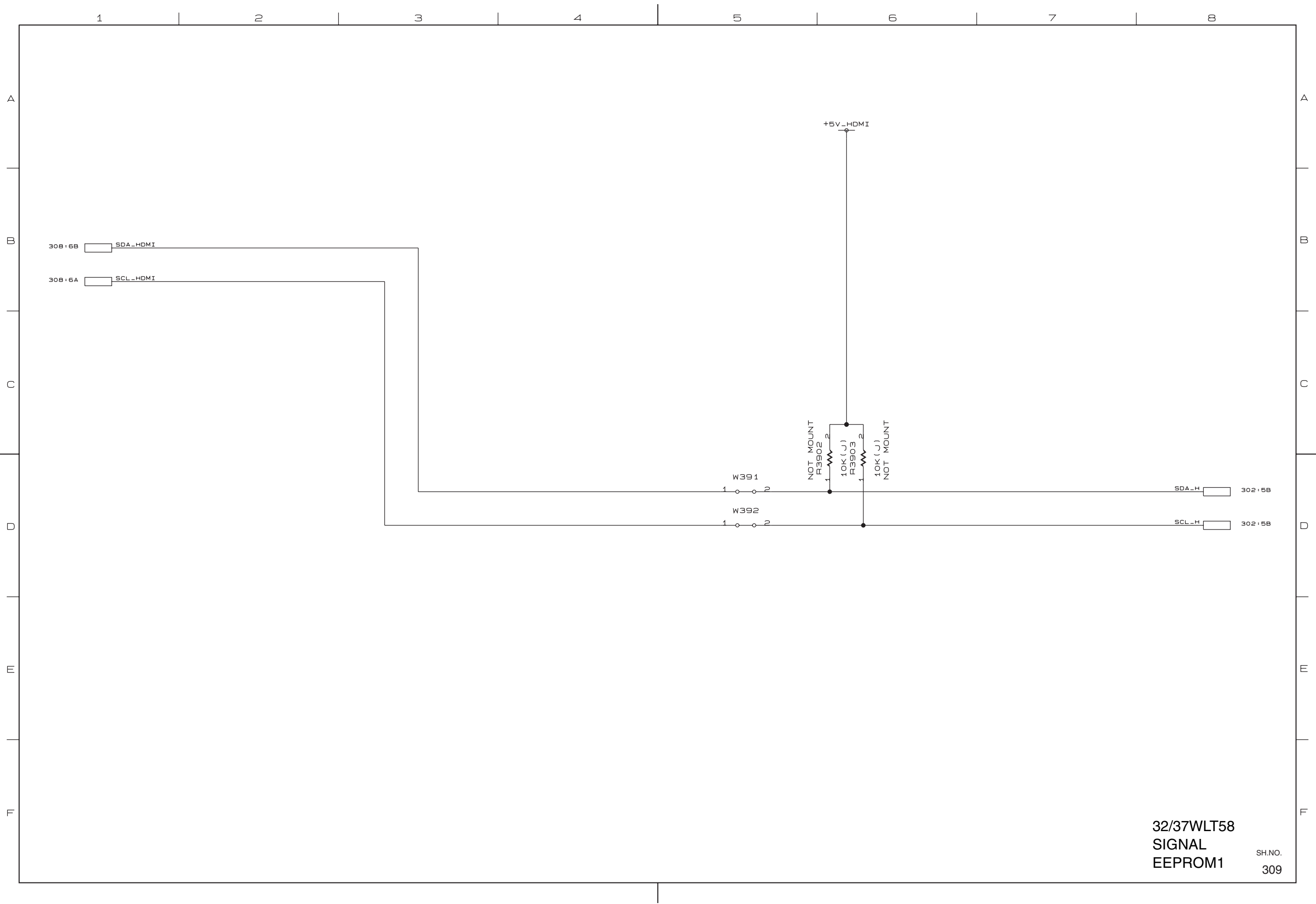


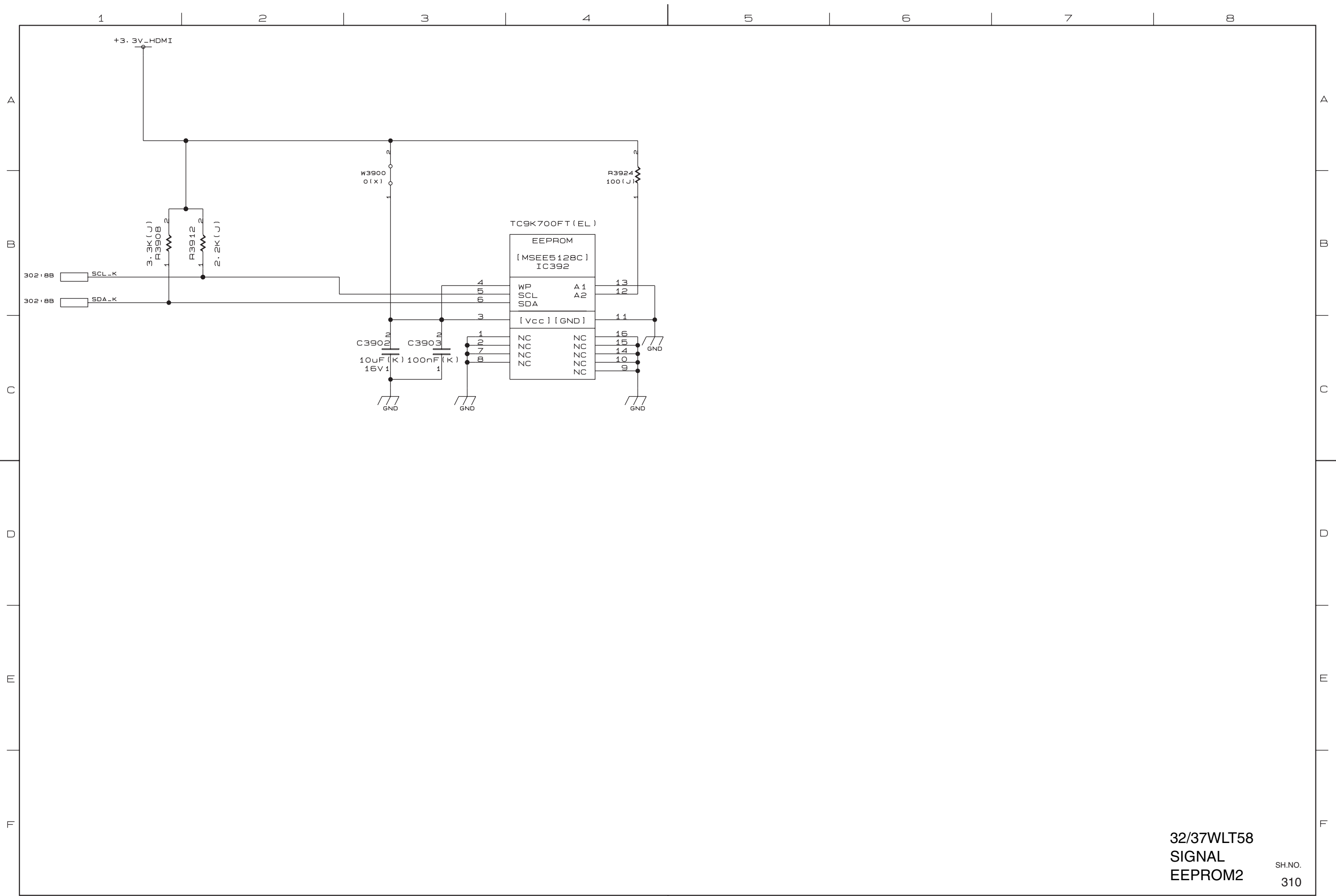


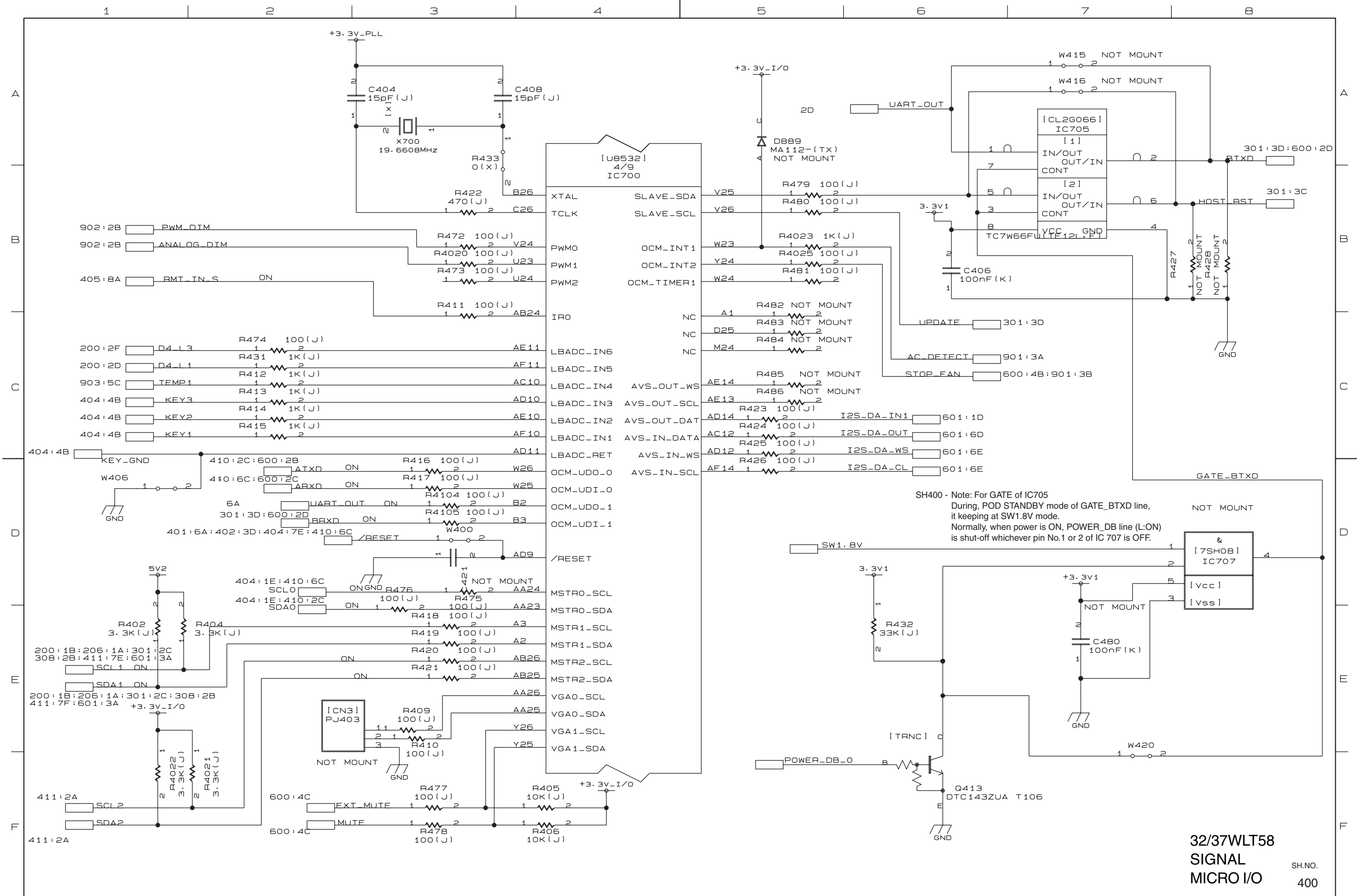
32/37WLT58
SIGNAL
HDMI AUDIO OUT

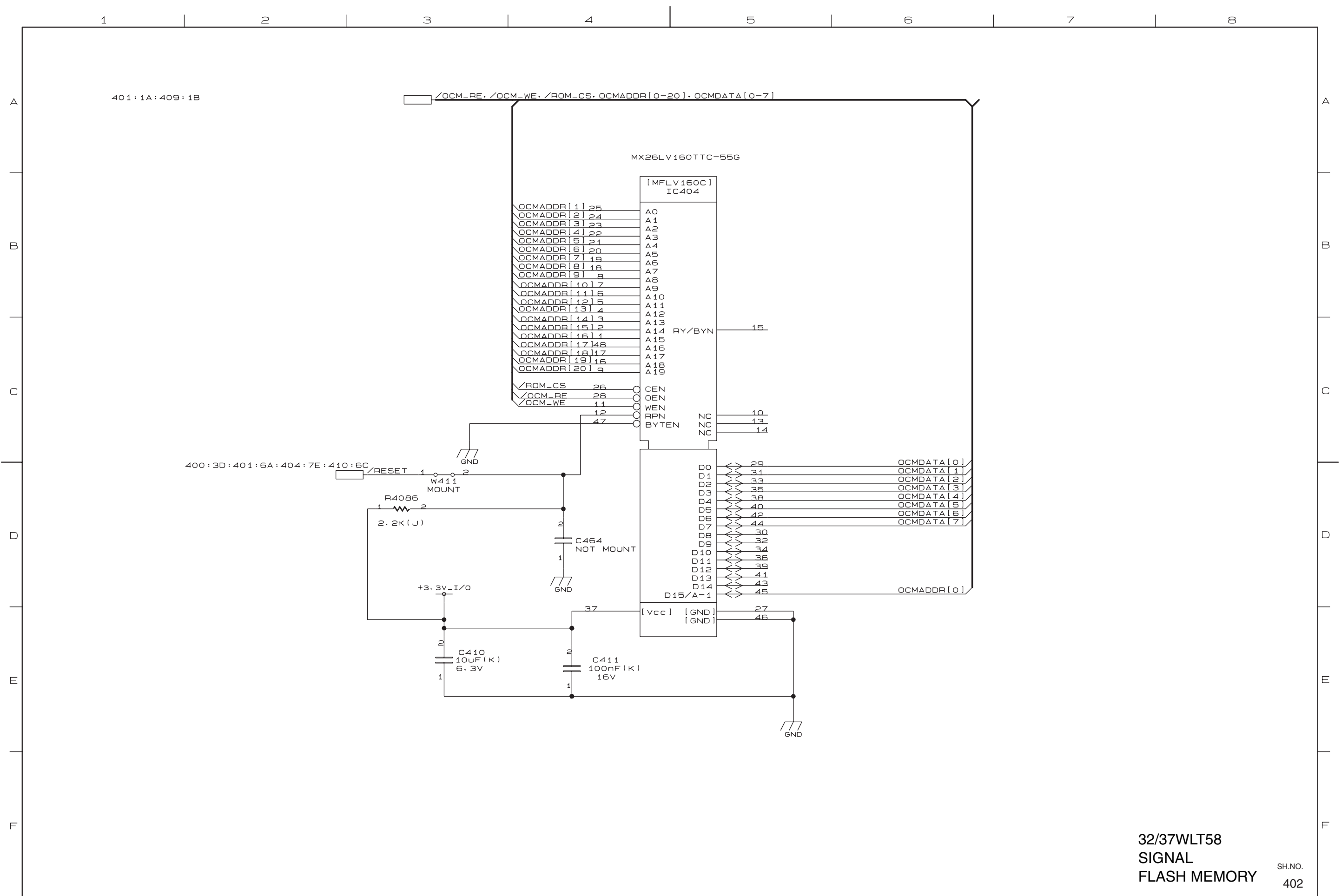
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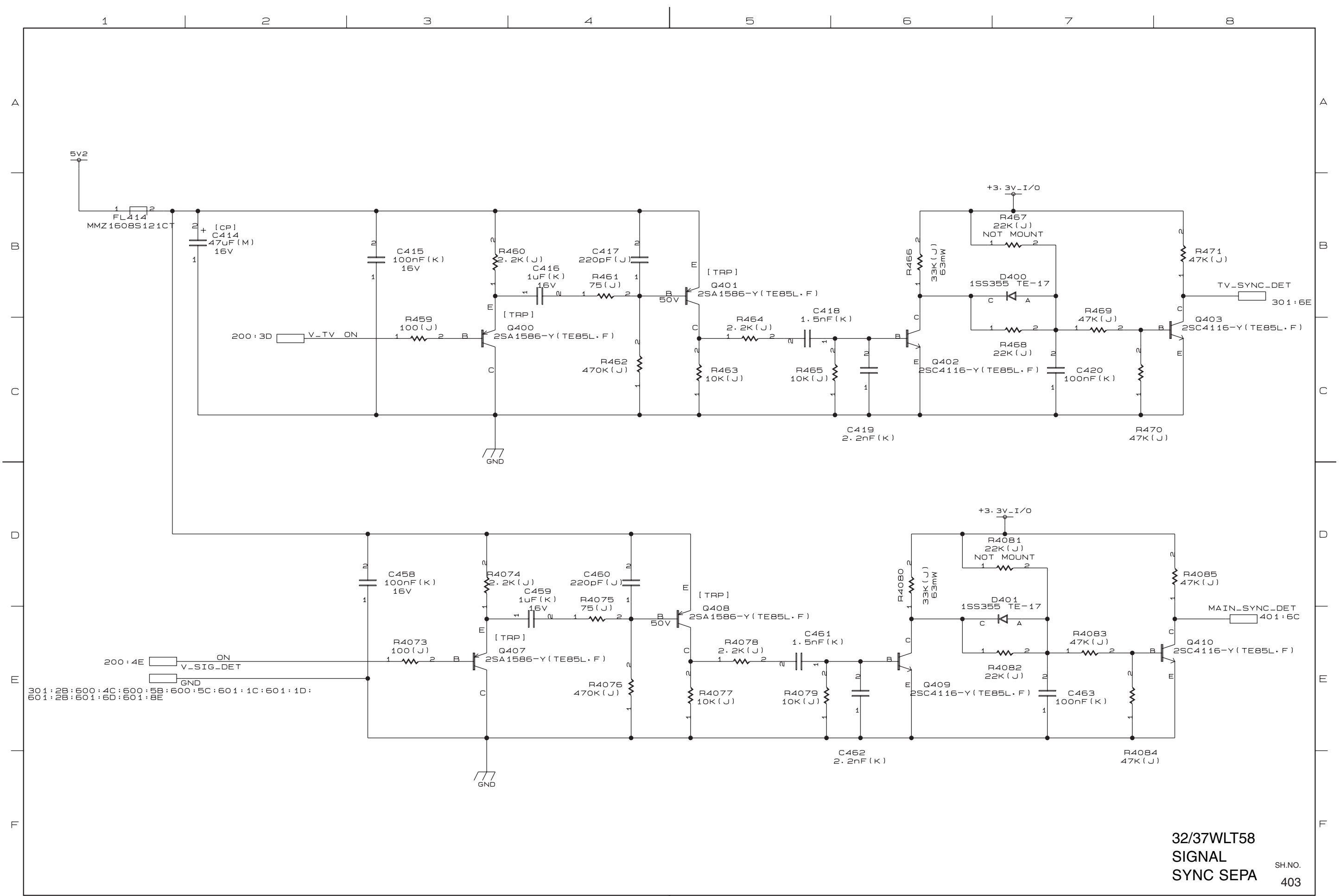




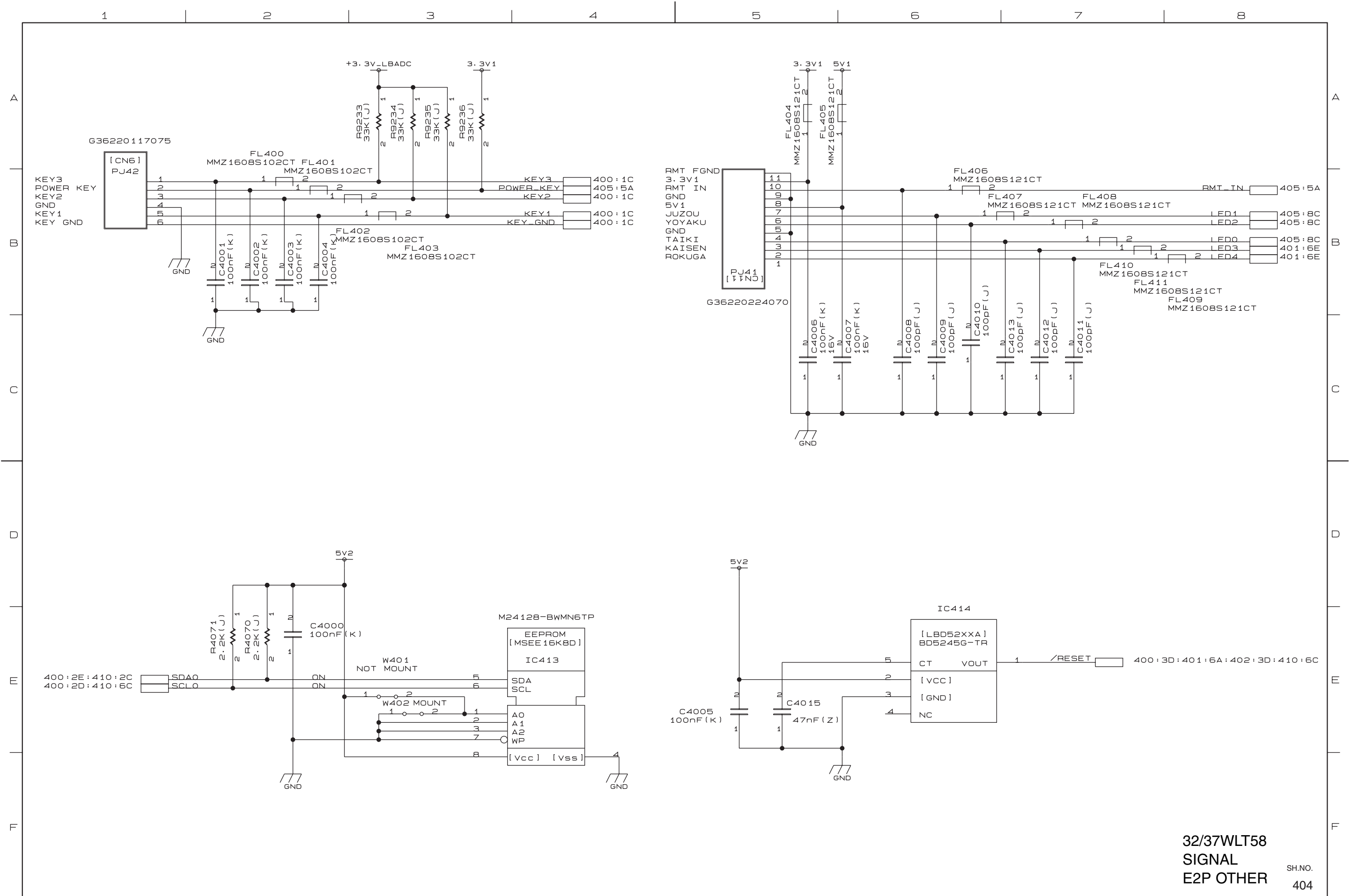


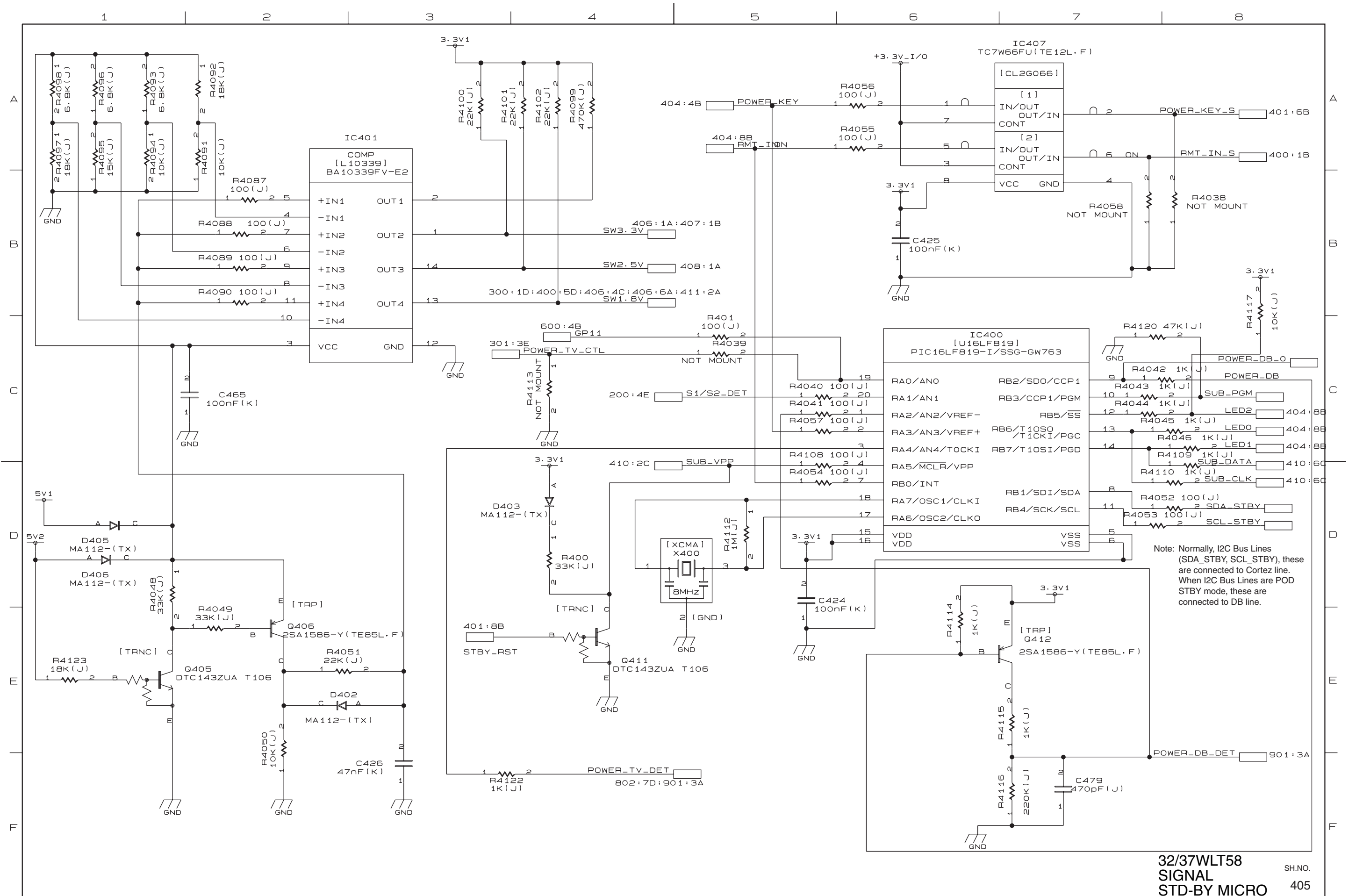


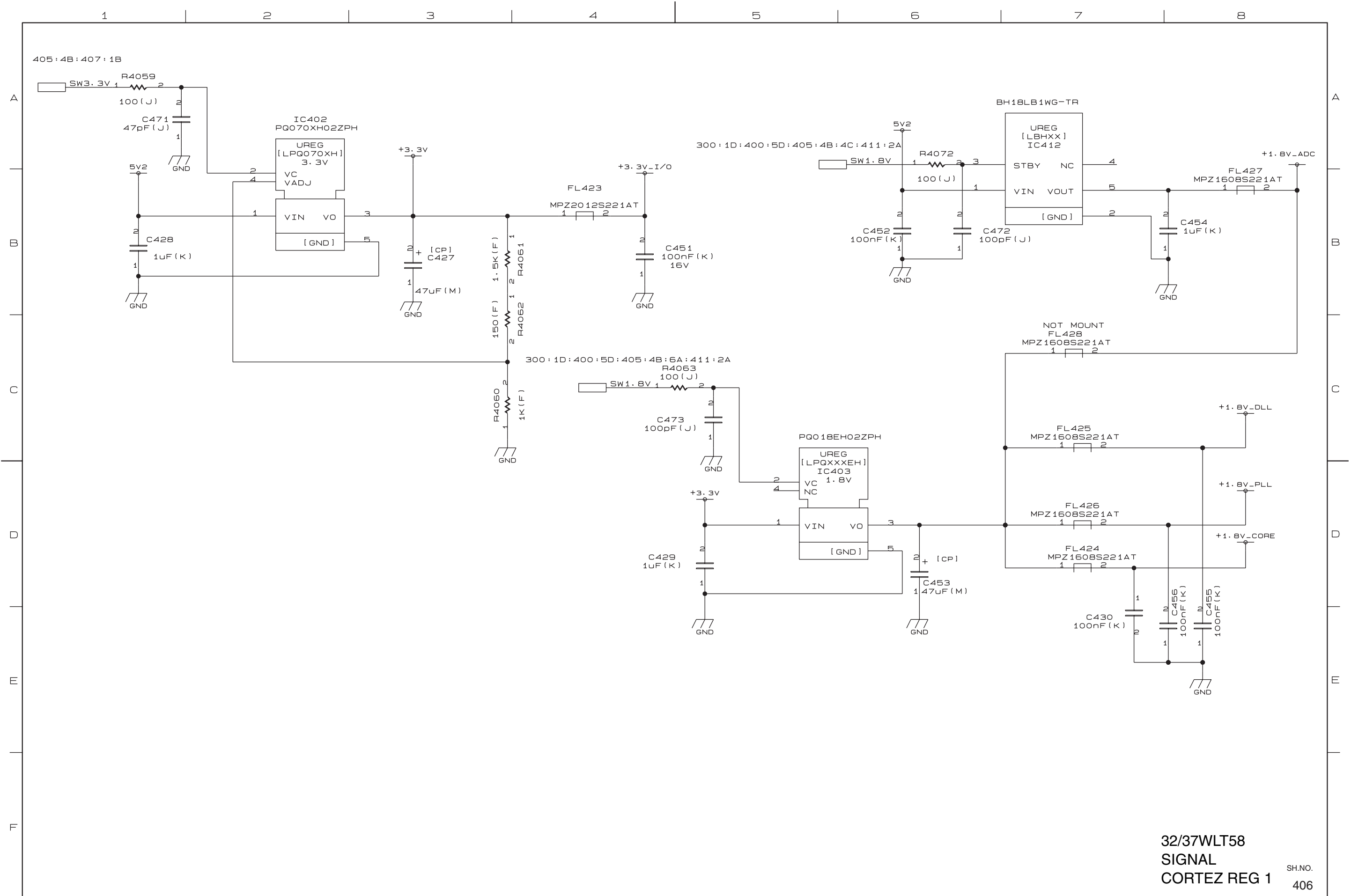


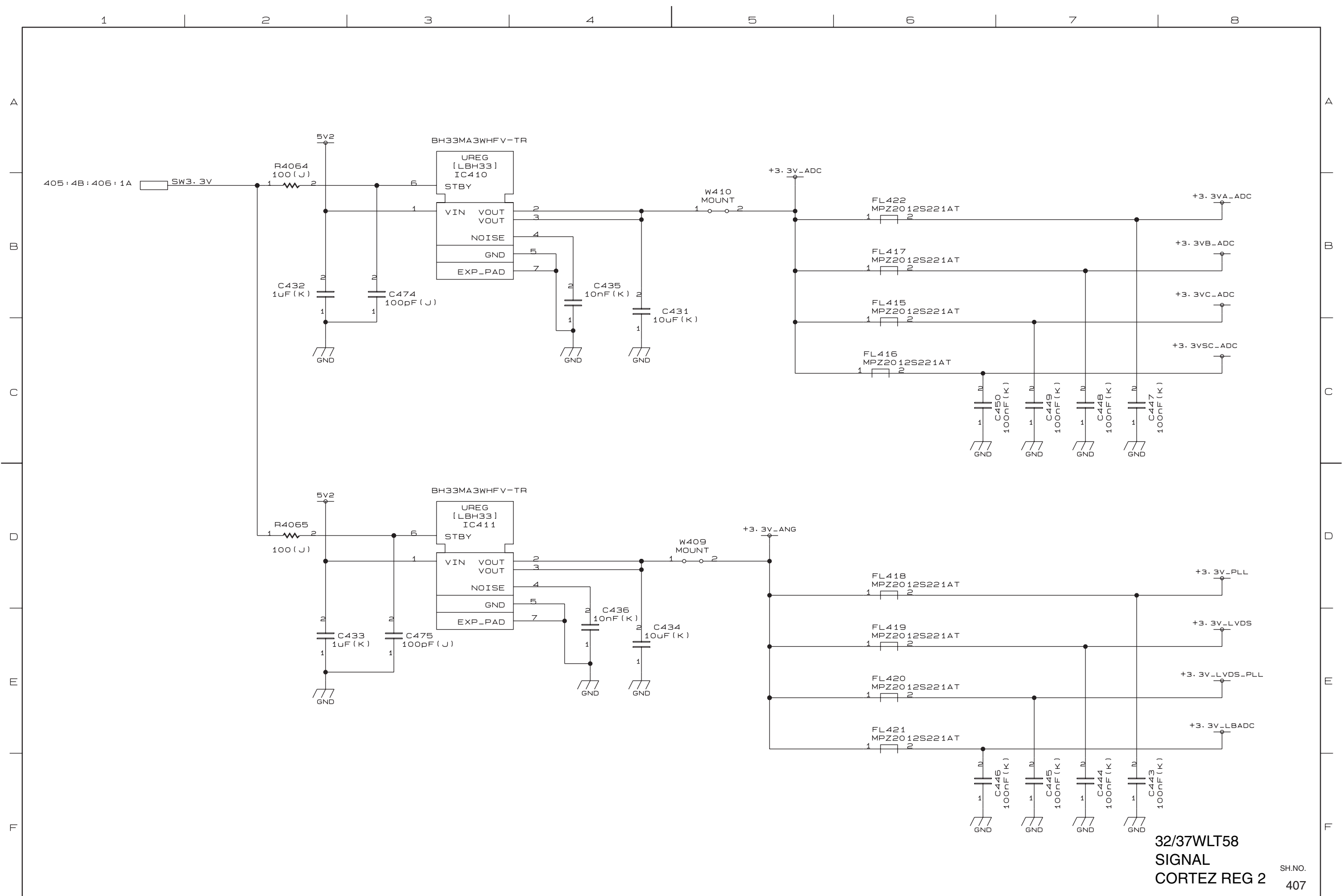


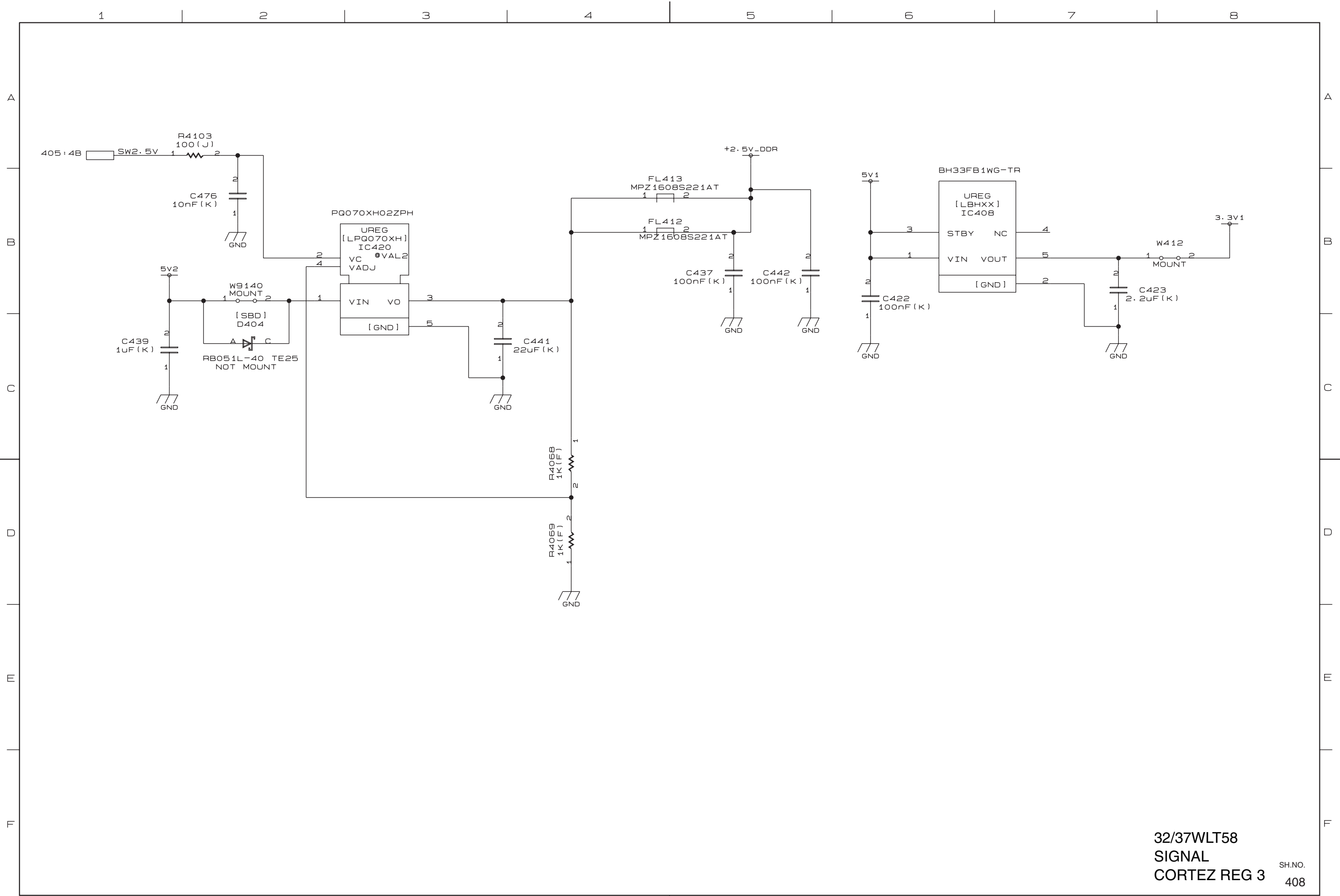
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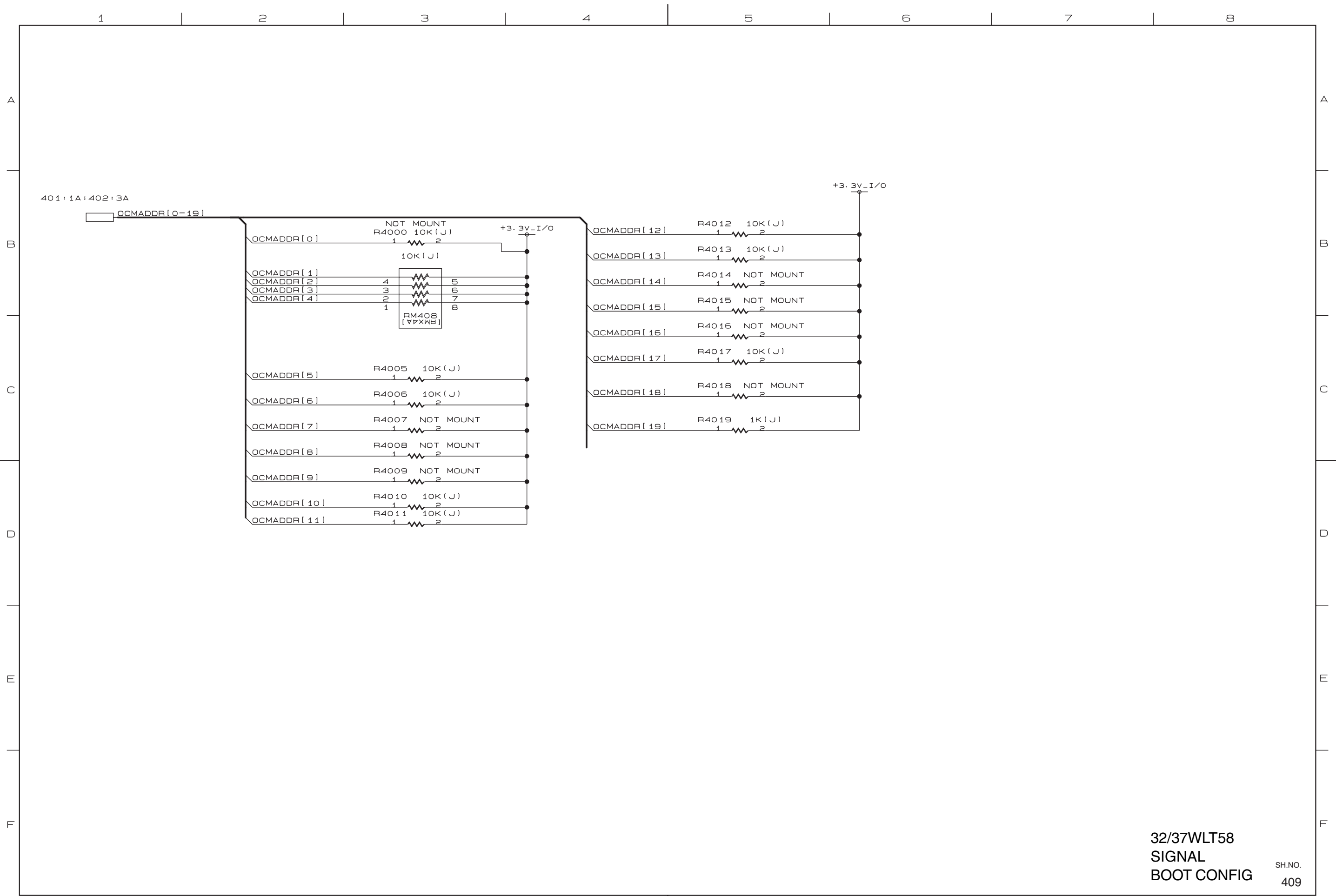


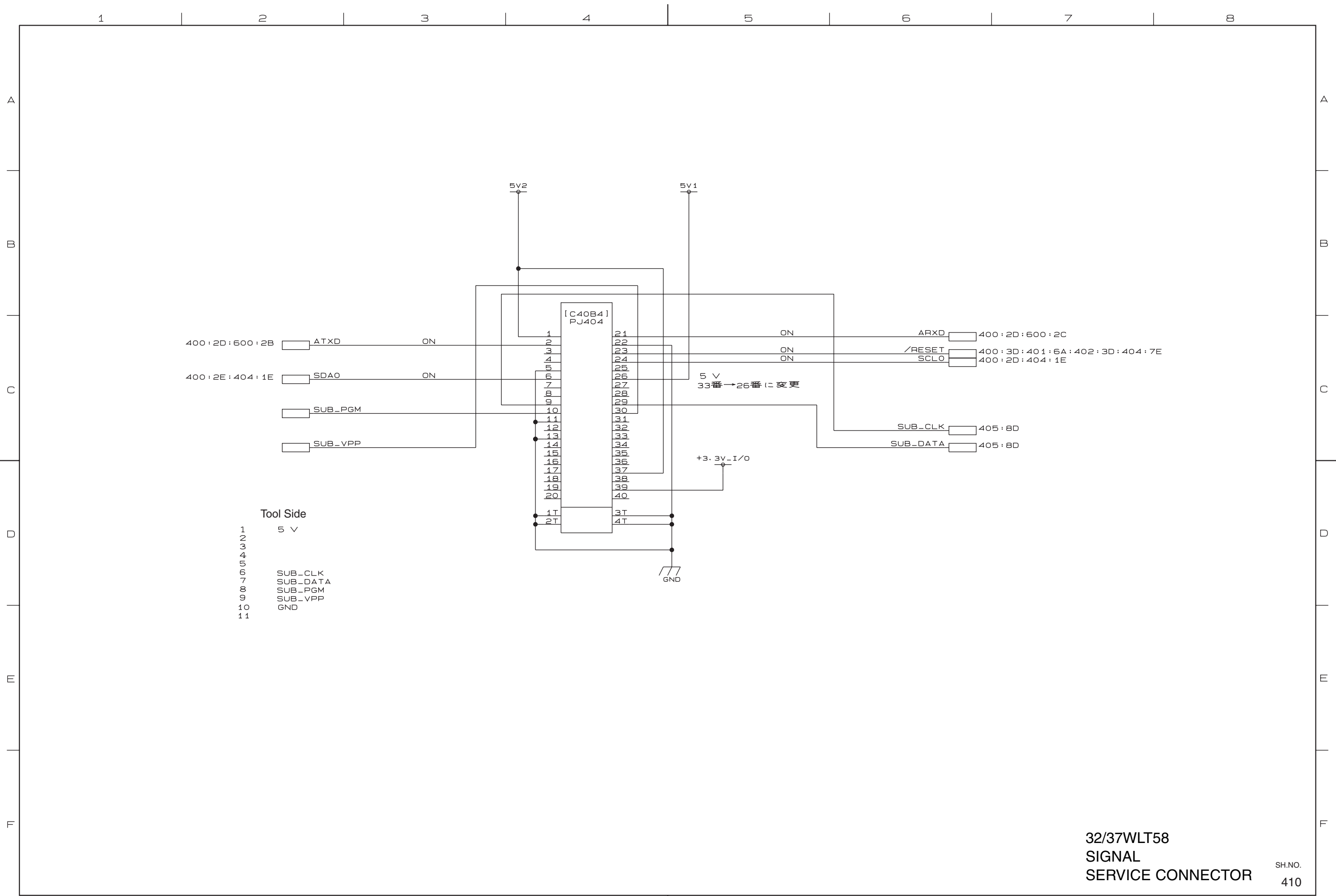


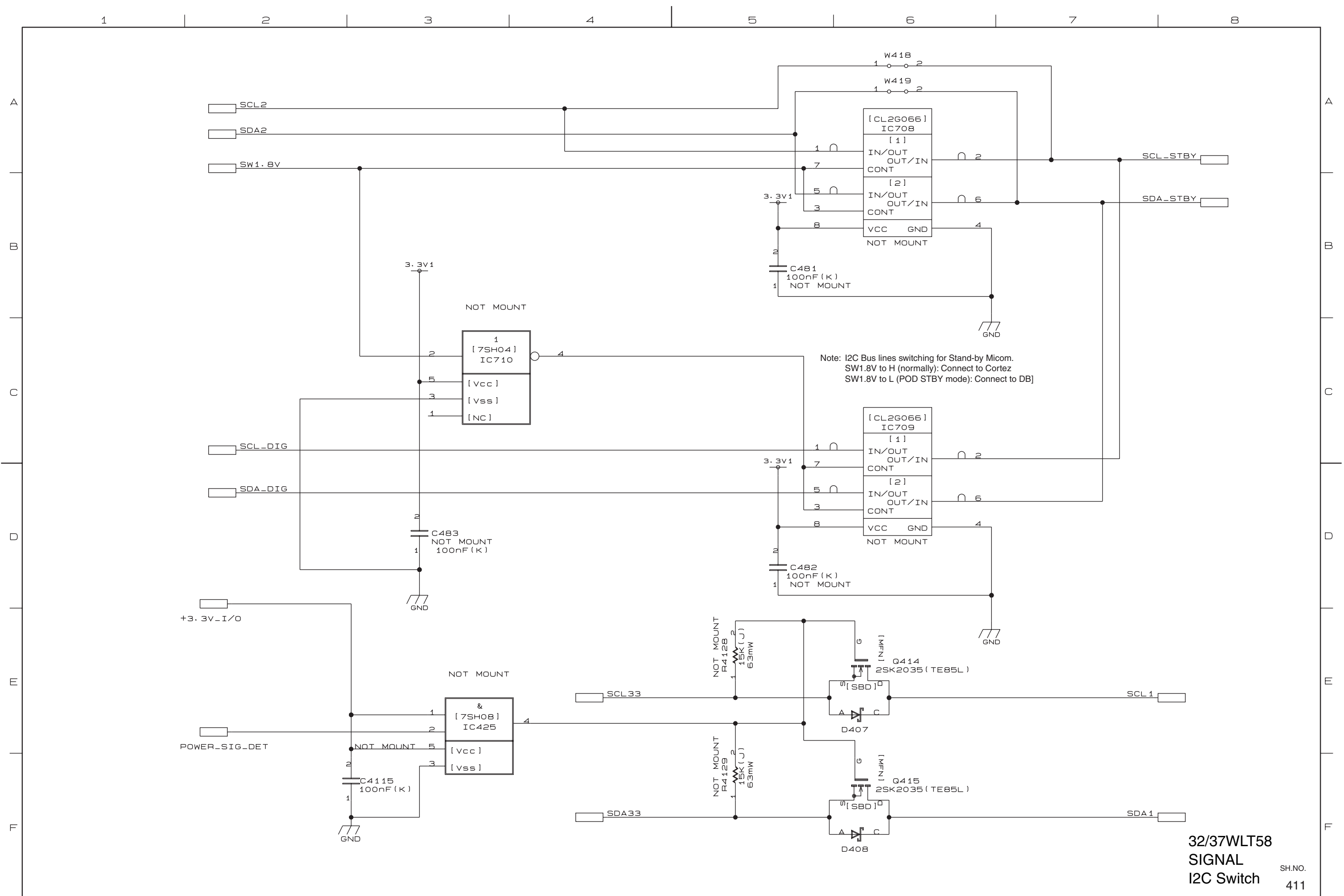


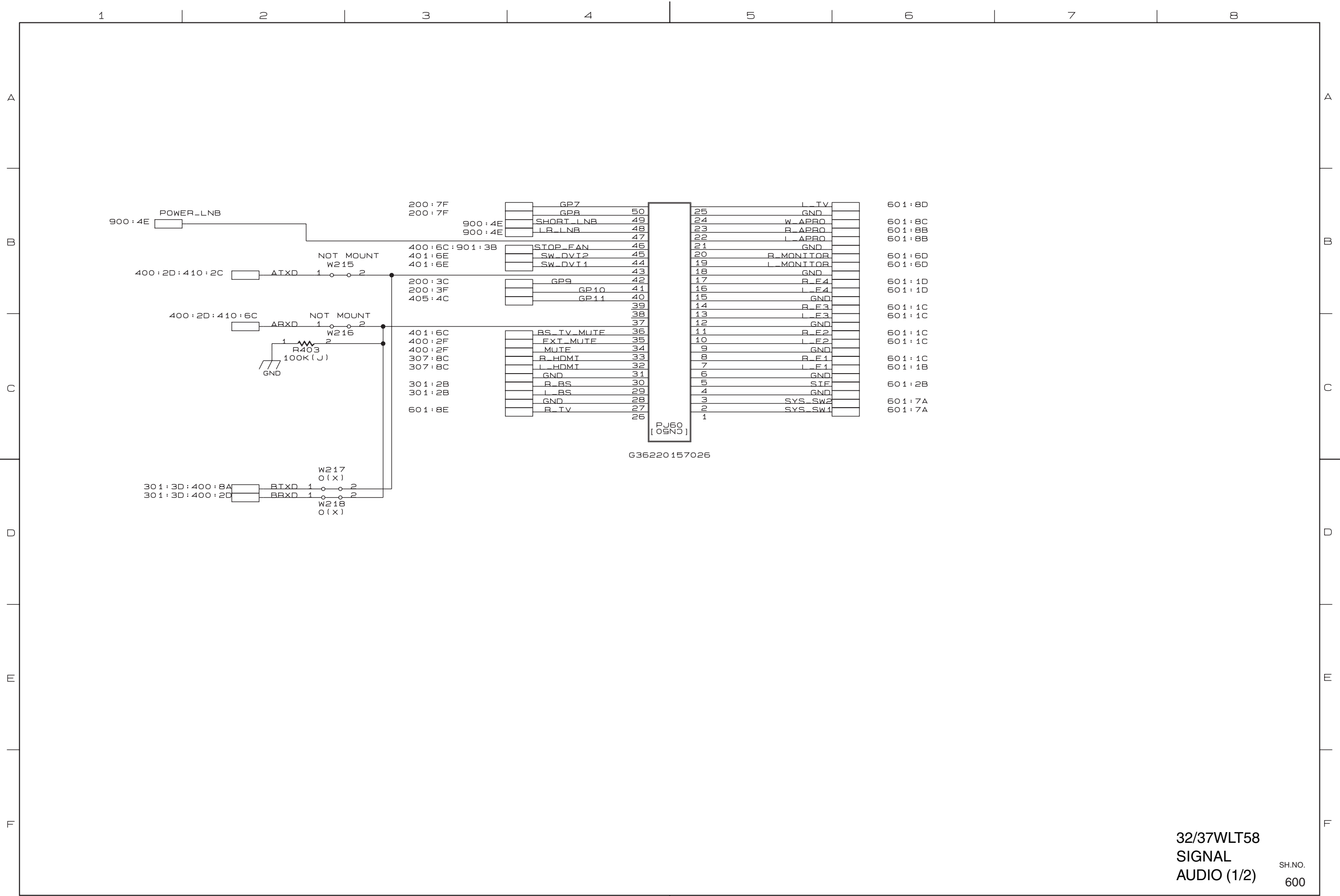


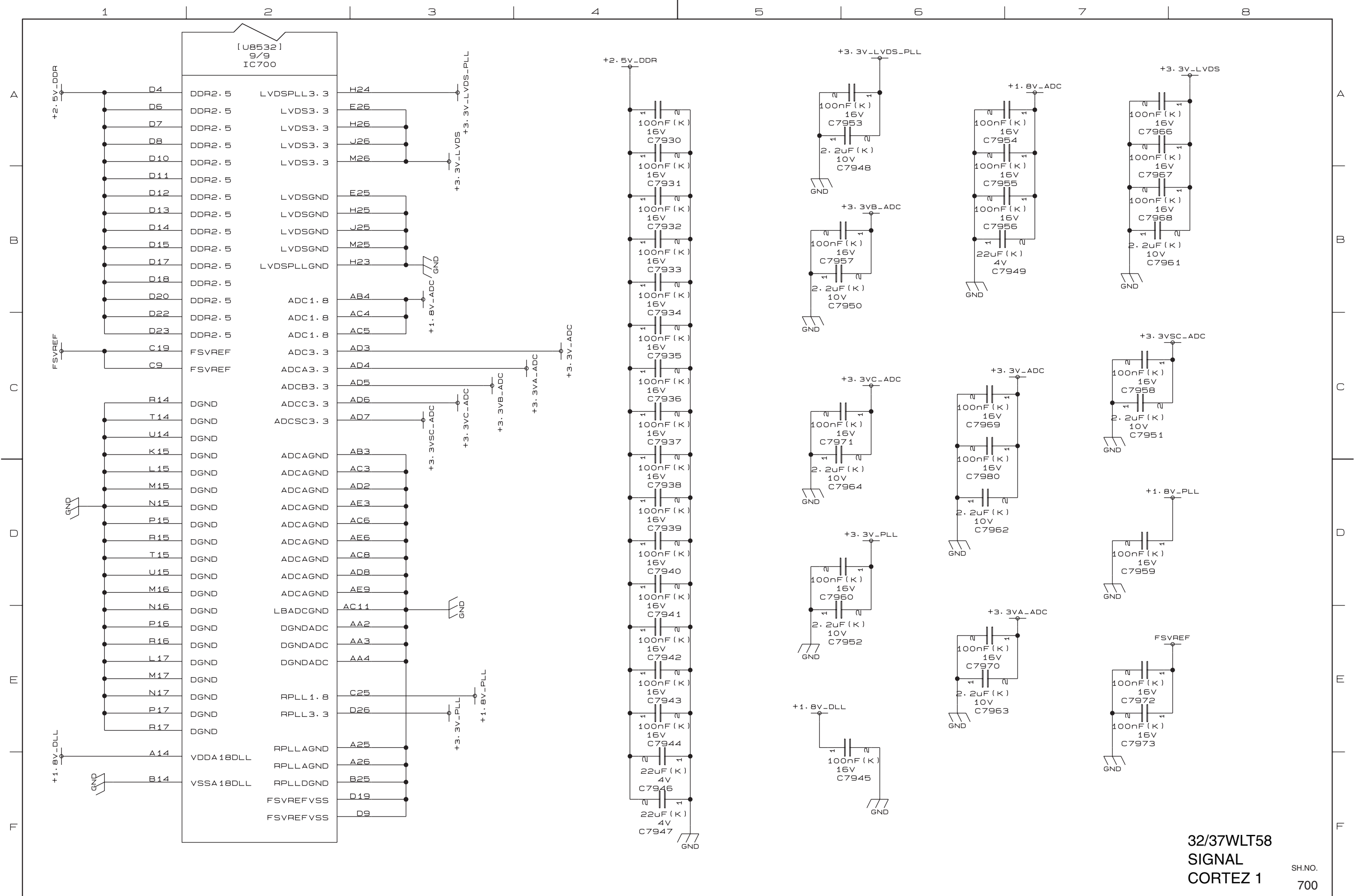


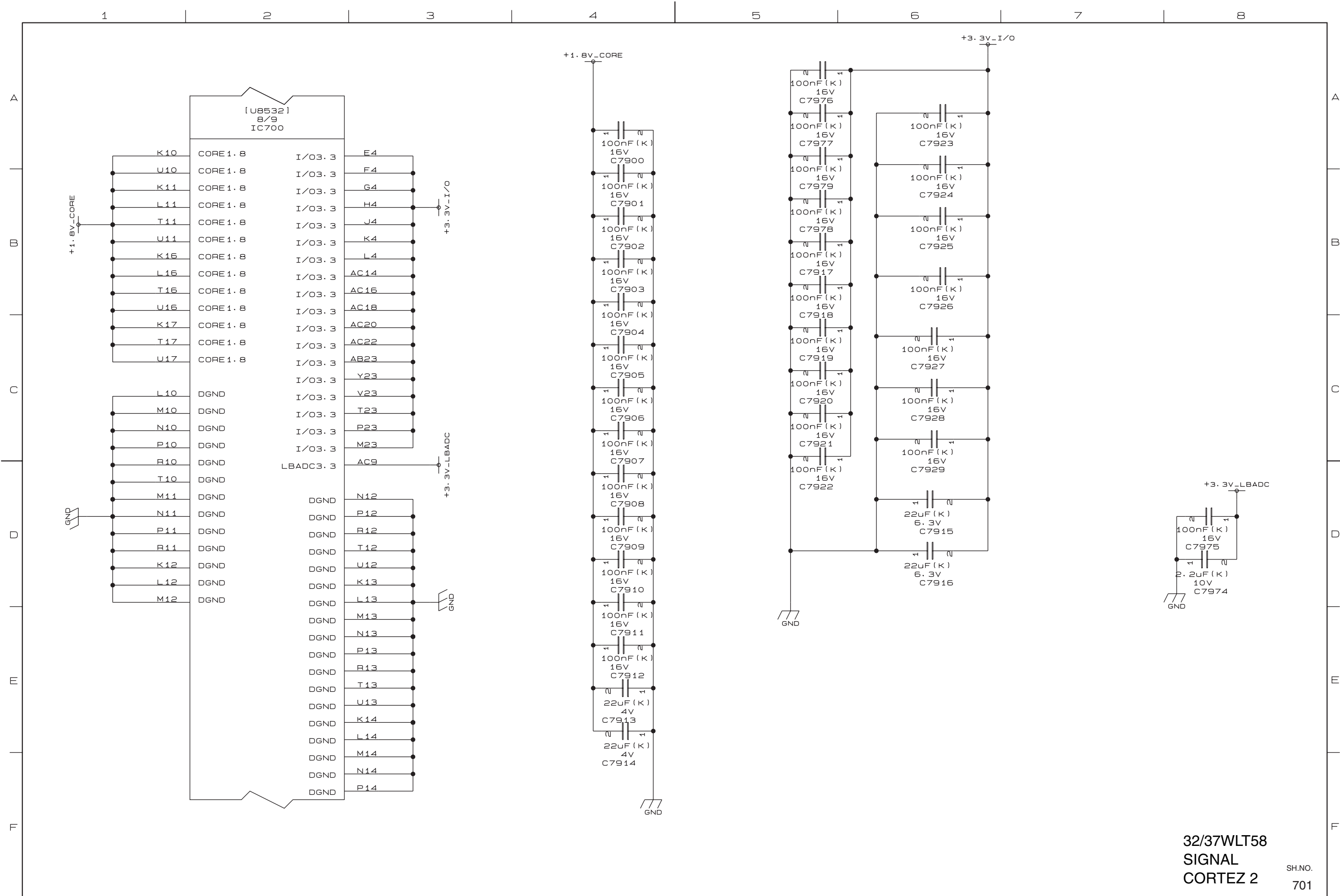




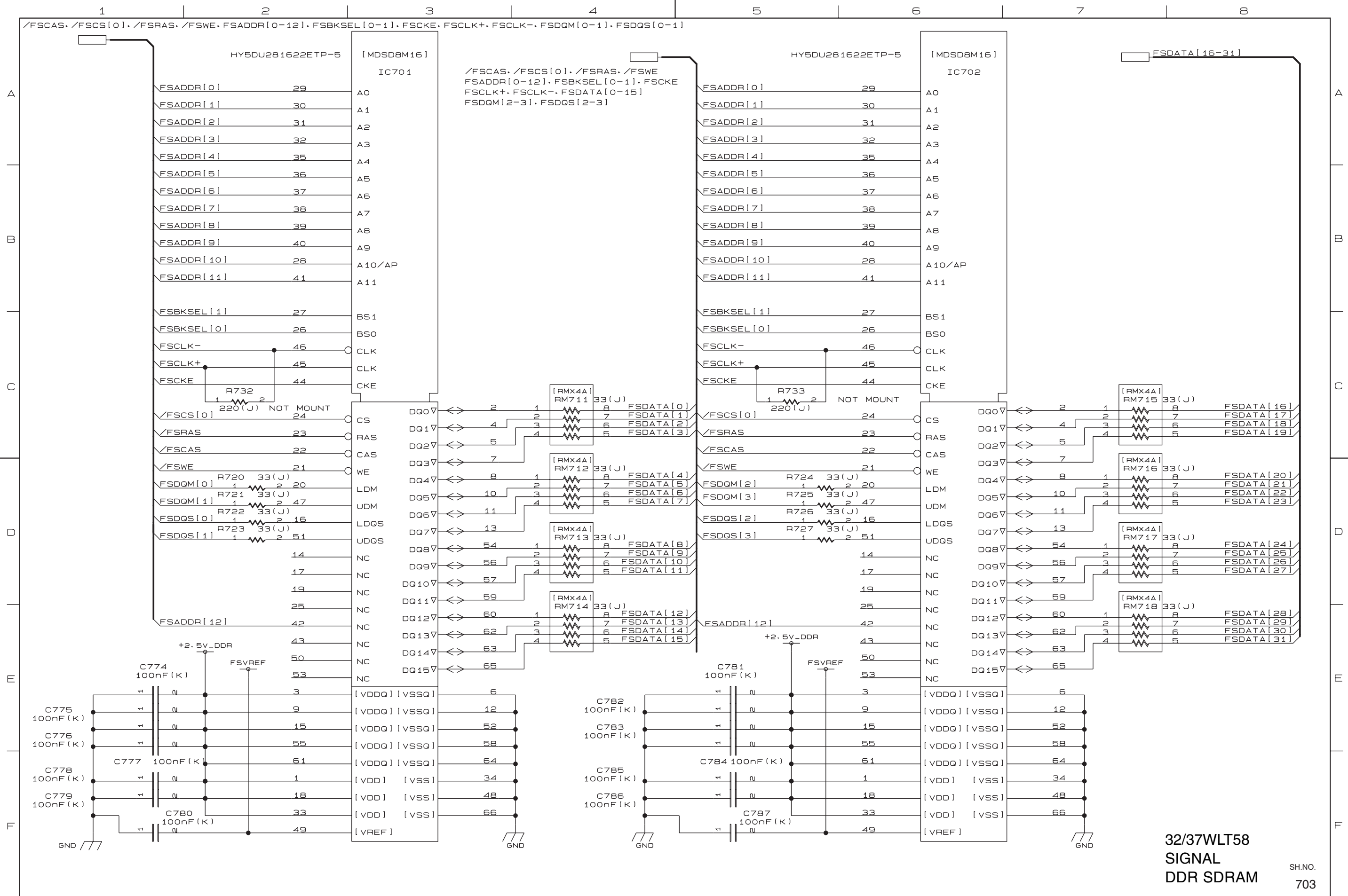


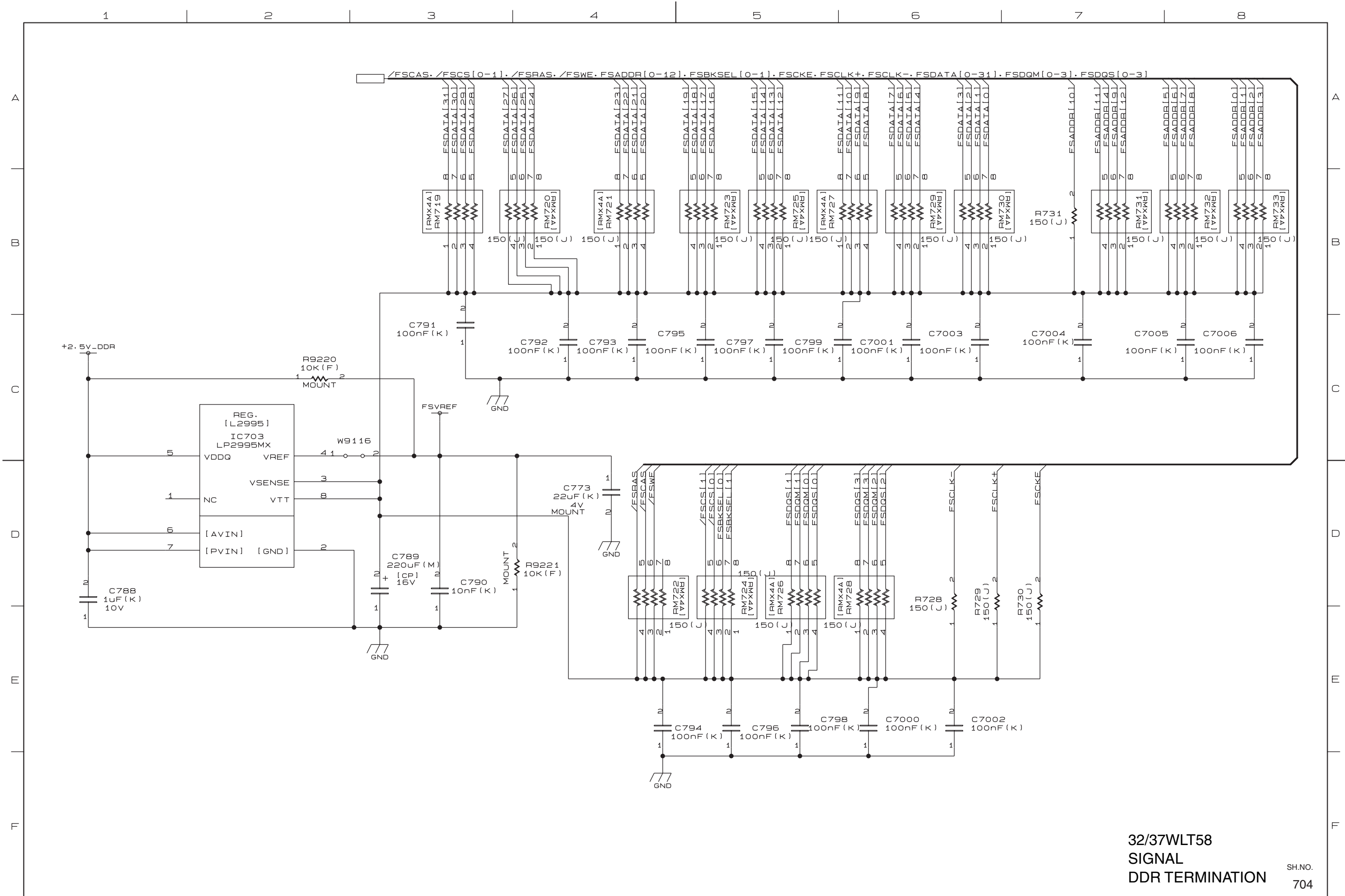


SH.NO.
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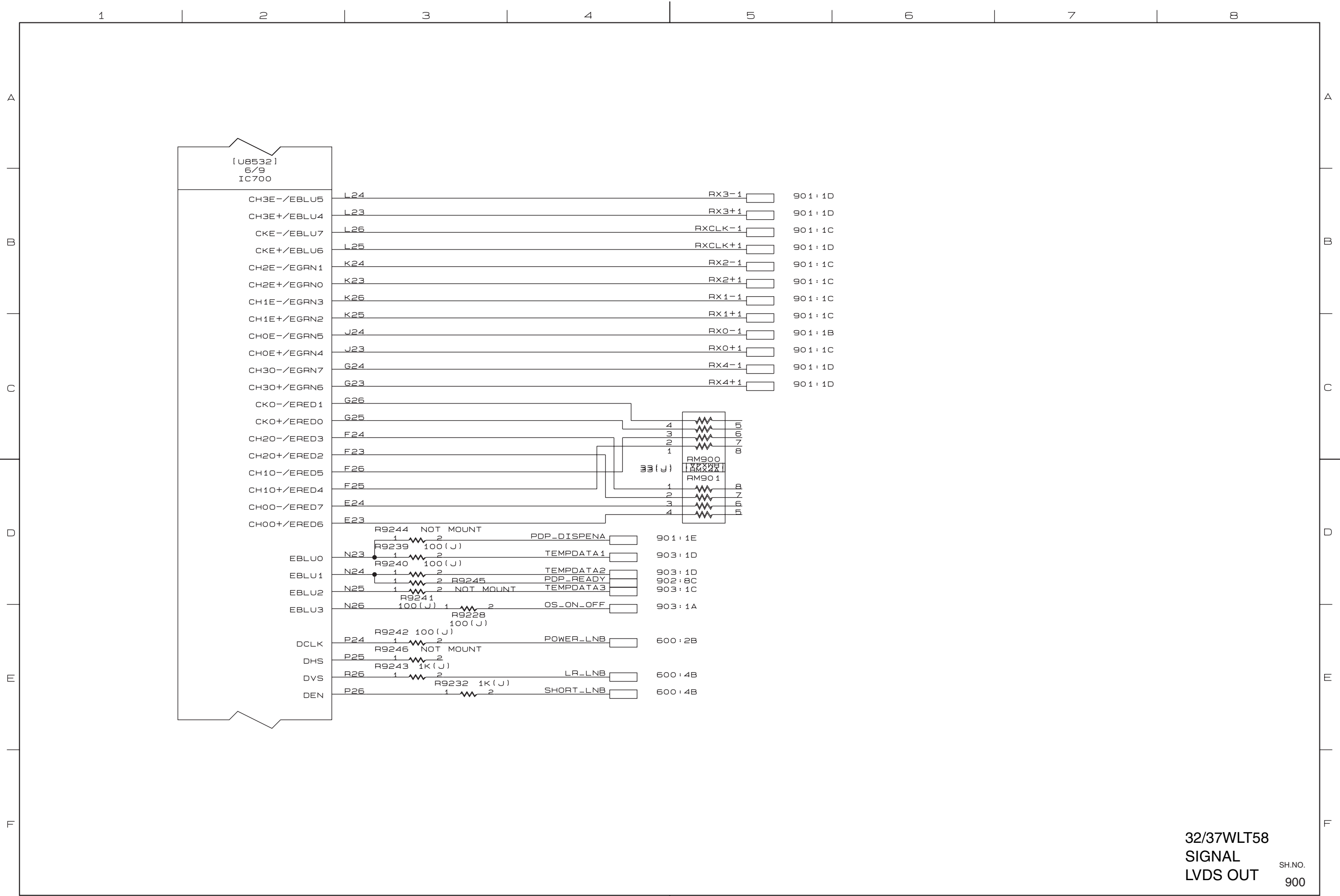


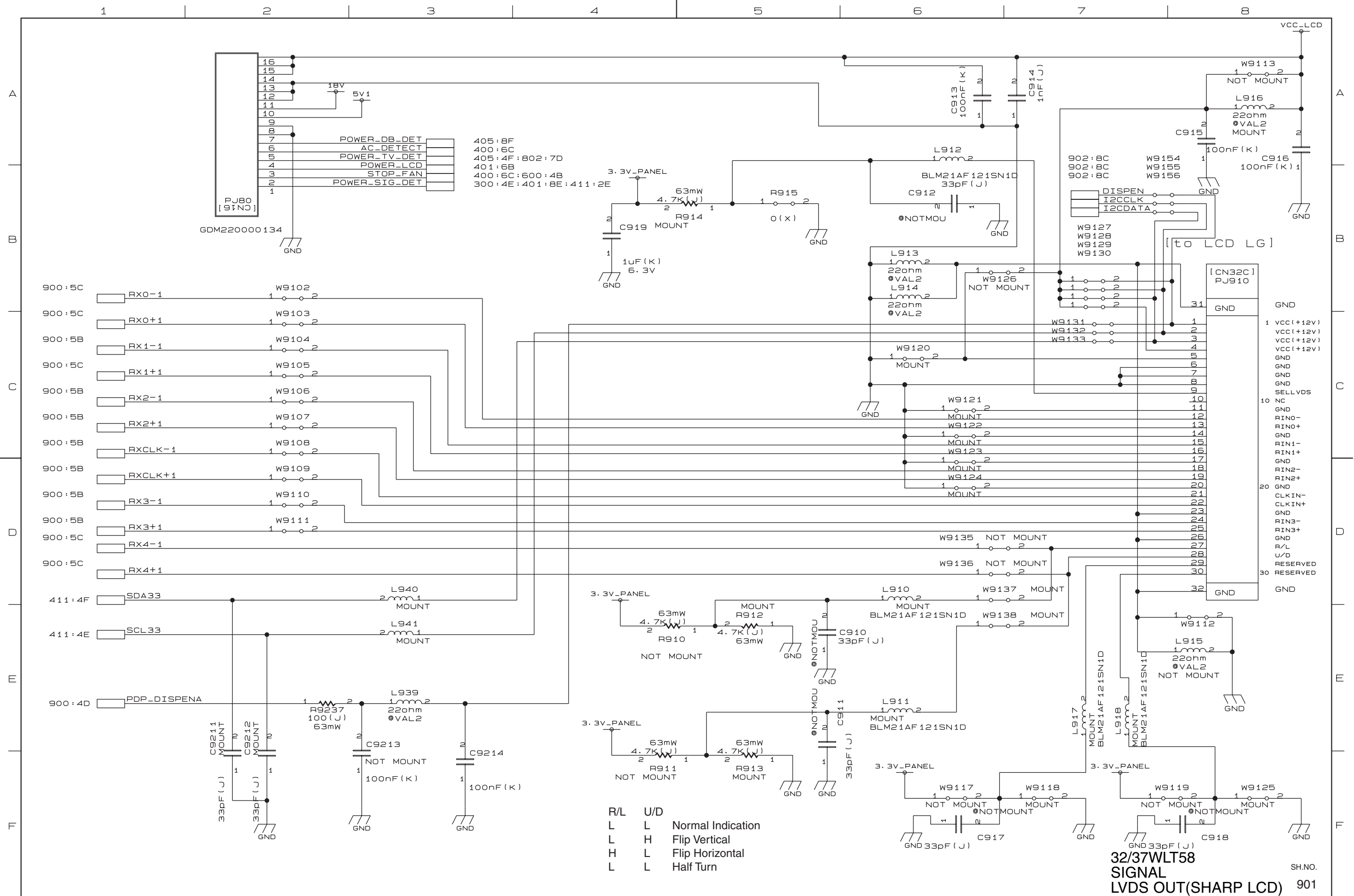


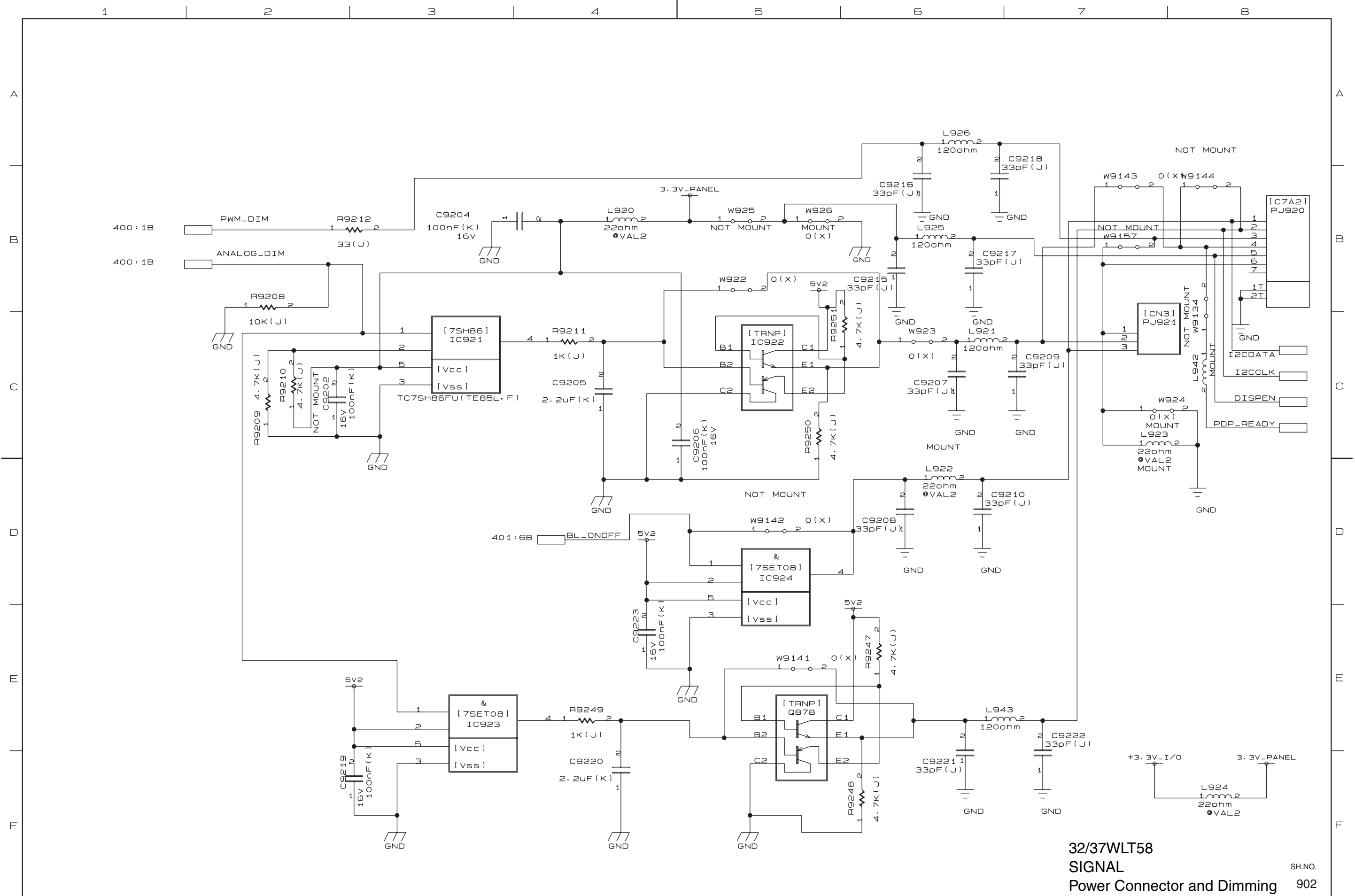
32/37WLT58
SIGNAL
DDR TERMINATION

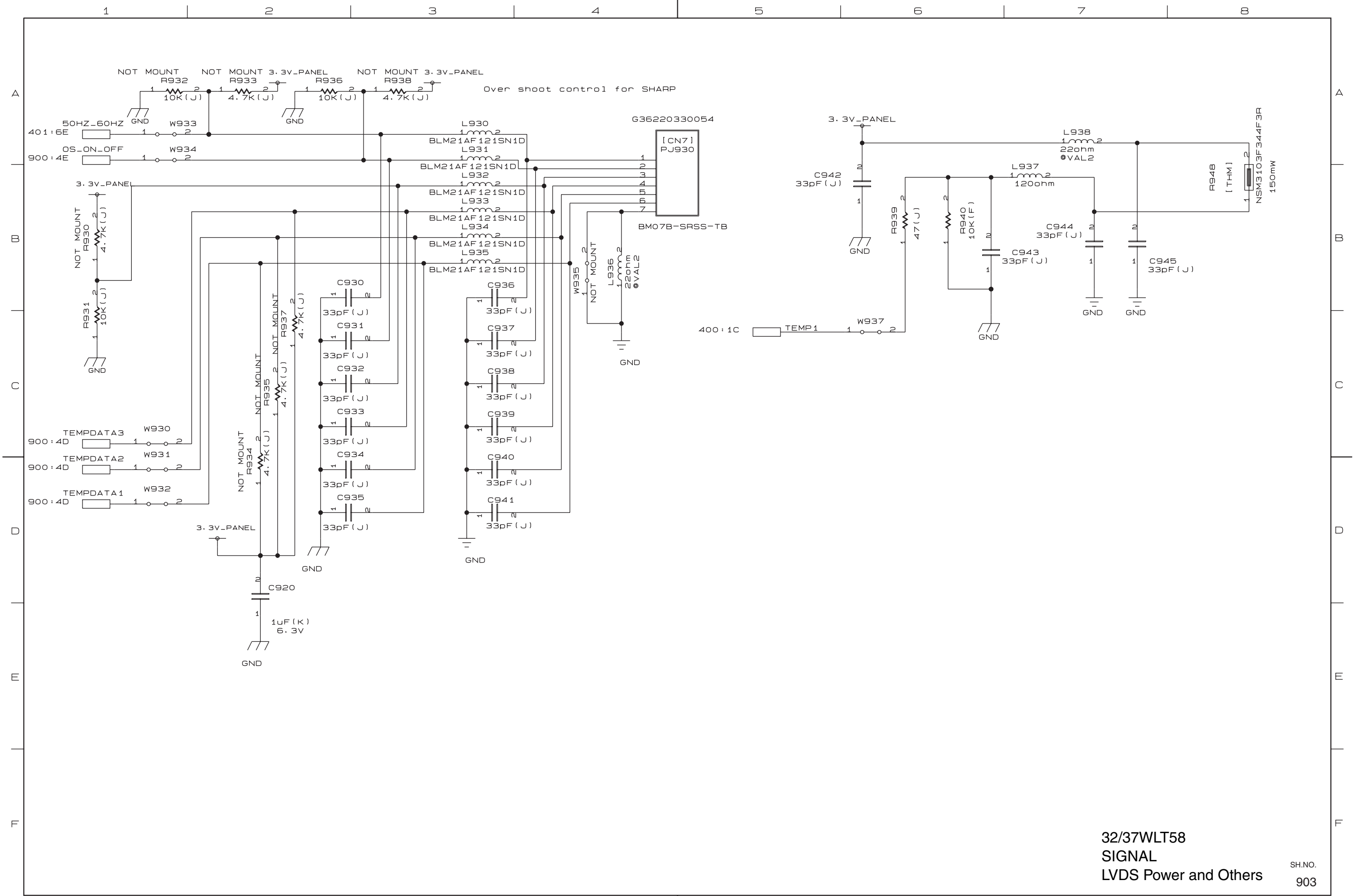
SH.NO.
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32/37WLT58
 SIGNAL
 LVDS Power and Others

SH.NO.
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